



Kenwood USA Corporation

Communications Sector

Systems Division Product Price Guide

Kenwood USA Corporation

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Communications Sector

Systems Division Product Price Guide

Introduction

The Kenwood Systems price pages have been updated and now offer greater flexibility. This new format allows you to design a customized system that meets your end-user's needs. The price pages are organized by frequency band. You will find pages for Low Band, VHF, UHF, 800 and 900 MHz systems. Within a section, you will find a general description of each product line and what is included in its basic configuration. You will also find a listing of standard options for each system, and warnings that inform you when certain options may be incompatible with other options.

Individual components are listed in a separate section. On the components pages, you will find most of the items included in our systems. In the event you need individual components to be used as spares or to replace damaged or defective components in an existing system, use the component pages to order the necessary products.

All pricing is shown in United States Dollars. Products are shipped from either Suwanee, GA or Long Beach, CA. Shipping is not included in product pricing and will be added to the invoice unless otherwise specified.

NOTES:

Vertical mounting spaces are specified as standard EIA rack units, or "RU"...each RU equals 1-3/4 inches.

Kenwood uses a 4 decimal method for specifying frequencies, appended by "N" or "W" to indicate the channel's bandwidth. For example, 453.2500N specifies narrowband; 453.2500W specifies wideband.

All CTCSS tones are specified in Hz; DCS coding is specified as either normal (N) or inverted (I) polarity. For example, 131.8 Hz describes a CTCSS tone; D732N describes a DCS code, normal polarity. Carrier squelch channels are designated as "CSQ".

All amplifier models used in our systems cover a specified range of transmit power levels. However, output power for most models is not field-adjustable and must be factory-set. Your required / licensed power level must therefore be indicated at time of order.

CWID (Morse Code station identifier) can be programmed at the time of initial tuning; please specify call sign. CW Messages (Morse Code messages / individual letters) and AUX I/O port assignments can also be programmed; please specify operational details and event triggering.

All tone termination panels are compatible with both EIA-standard and Motorola-standard tone formats (may require alternate firmware; please specify the desired format). For DC remote control, specify individual DC currents and their functions. Line driver, Tone and DC remote control line levels are 0dBm TX and 0dBm RX at 60% modulation, less CTCSS/DCS modulation, unless otherwise specified at time of order.

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Introduction

All LTR channels are designated using 2 digits; for example, 05 is LTR channel 5. All LTR systems use standard channel distribution numbering; for example 01 - 05 - 09 - 13 - 17 for a 5-channel system. Unless otherwise specified, LTR 01 will be set up as the system's master and designated as 01M.

Shock-mount shipping crates are assembled using klimps and 5/16" screws. Disassembly requires only a large screwdriver (to release the klimps), and a drill with a 5/16" hex-head nut driver bit. Systems installed in racks also have support bolts; a socket wrench with a 3/4" socket is required.

This equipment is heavy. Be sure to arrange for enough manpower and/or material handling equipment to safely move and install this equipment. Rack mounted systems must be secured to the floor and/or wall during installation to prevent tipping and injury or damage. All systems must be grounded to a common-point ground.

All conventional, LTR and basic MPT-1327 systems can be ordered using these price pages. PassPort and custom MPT-1327 configurations often vary by project. For assistance with these systems, or if you have a special application and the components are not listed in these price pages or on the order form, please contact Kenwood Systems for assistance.

LOW BAND

TKB-6900 Series Conventional Simplex Base Stations

29.7 - 50.0 MHz

GENERAL:

TKB-6900 Series Low Band Base Stations are built around the TK-690 high performance 110W radio. The TK-690 transceiver is mounted in a 2 RU enclosure which includes forced air cooling and option bays for two peripheral circuit boards. The basic configuration includes a 1 channel tone termination panel (2 or 4 wire audio) and a 40A 13.8VDC switching power supply (47-63Hz, 115 or 230VAC, 2 RU). The basic unit may be mounted in a cabinet or equipment rack and may be used either by itself (50W continuous duty or 110W at 20% duty cycle) or as a driver for an external continuous duty RF amplifier (100W or 300W).

OPTIONS:

Power supply options include battery backup with integrated SmartCharger and Low Voltage Disconnect for the basic and 100W configurations. Cabinet options are 20 RU (42") and 40 RU (77") locking cabinets; 17 RU (3') or 45 RU (7') open equipment racks are also available. External connections are RJ-11 for phone line, DB-25 for access to the internal chassis bus, type N-female for RF. T-R simplex antenna switching is included in the basic unit as well as in all external amplifiers. Other configurations are also available on a special order basis; contact your Kenwood Systems Regional Sales Manager for more details.

ORDERING INSTRUCTIONS:

Step 1: Determine the frequency sub-band:

K1 = 29.7 - 37.0MHz Order **TKB6900SK1** basic configuration
K2 = 35.0 - 43.0MHz Order **TKB6900SK2** basic configuration
K3 = 40.0 - 50.0MHz Order **TKB6900SK3** basic configuration

Step 2: Select an RF amplifier option.

Step 3: Select a power supply option.

Step 4: Select the desired mounting configuration.

Step 5: Select optional equipment or configuration changes.

Step 6: Add the basic configuration (Step 1) to the desired RF amplifier, power supply, mounting configuration and optional equipment (Steps 2-5) to determine configuration pricing. Specify frequencies and tone assignments with order.

LOW BAND

TKB-6900 Series Conventional Simplex Base Stations

29.7 - 50.0 MHz

LIST

STEP 1 -- TKB-6900 BASIC CONFIGURATION:

TKB6900SK1 BASIC CONFIGURATION, 29.7 - 37.0MHz	\$3,202
TKB6900SK2 BASIC CONFIGURATION, 35.0 - 43.0MHz	\$3,202
TKB6900SK3 BASIC CONFIGURATION, 40.0 - 50.0MHz	\$3,202
TKB-6900 low band base station basic configuration includes 40A DC power supply and 1 channel tone termination panel. Base station provides 50W continuous duty, 110W at 20% duty cycle. Includes factory tuning and staging; ships unmounted.	

STEP 2 -- RF AMPLIFIER OPTIONS:

OPTION KSGA110B: 100W CONTINUOUS DUTY RF AMPLIFIER UPGRADE	\$2,086
Upgrade to include external 100W continuous duty RF amplifier, 29.7-50.0MHz. Amplifier occupies 4 RU and is powered by the 40A 13.8VDC power supply included in the basic station configuration. Includes factory tuning, RF cables, wiring and internal antenna T-R relay.	
OPTION KSGA130B: 300W CONTINUOUS DUTY RF AMPLIFIER UPGRADE	\$10,582
Upgrade to include external 300W continuous duty RF amplifier, 29.7-50.0MHz. Amplifier occupies 5 RU and is powered by 120 / 240VAC power. Includes factory tuning, RF cables, wiring and internal antenna T-R relay. Note: This configuration cannot be used with the KSGPWR74 or KSGPWRB4 battery backup power supply options.	

STEP 3 -- POWER SUPPLY OPTIONS:

OPTION KSGPWRX4: DELETE POWER SUPPLY	-\$473
Delete 40A switching power supply from basic station configuration. Note: Not applicable when upgrading amplifier.	
OPTION KSGPWR74: 13.8VDC, 70A POWER SUPPLY UPGRADE	\$881
Power supply upgrade to 13.8VDC at 70A continuous duty switching power supply with front panel metering, requires 2 RU. Replaces basic configuration 40A switching power supply. Will power up to 2 channels. Note: This item cannot be used with the KSGA130B Amplifier upgrade.	
OPTION KSGPWRB4: 13.8VDC, 70A POWER SUPPLY WITH SMARTCHARGER UPGRADE	\$1,263
Power supply upgrade to 13.8VDC at 70A continuous duty switching power supply with front panel metering, built-in SmartCharger, low-voltage disconnect and solid state no-break transfer diodes, requires 2 RU, includes sealed fuse holder and fuses for battery (battery not included). Replaces basic configuration 40A switching power supply. Will power up to 2 channels. Gel cell batteries are available; contact your Kenwood Systems Regional Sales Manager for details. Note: This item cannot be used with the KSGA130B Amplifier upgrade.	

STEP 4 -- MOUNTING CONFIGURATION:

OPTION KSGMRCK3: 17 RU (3') ALUMINUM EQUIPMENT RACK	\$1,119
Standard 3' aluminum equipment rack providing 17 RU vertical mounting. Pricing includes equipment installation, hardware, cabling and wire management materials, and cushioned shipping crate.	
OPTION KSGMRCK7: 45 RU (7') ALUMINUM EQUIPMENT RACK	\$1,207
Standard 7' aluminum equipment rack providing 45 RU vertical mounting. Pricing includes equipment installation, hardware, cabling and wire management materials, and cushioned shipping crate.	
OPTION KSGMCAB2: 20 RU (42") LOCKING CABINET	\$2,050
Locking cabinet, 42"H x 22"W x 24"D, providing 20 RU vertical mounting, solid front door, louvered rear door, perforated top panel. Pricing includes equipment installation, hardware, cabling and wire management materials, and cushioned shipping crate.	
OPTION KSGMCAB4: 40 RU (77") LOCKING CABINET	\$2,783
Locking cabinet, 77"H x 22"W x 24"D, providing 40 RU vertical mounting, solid front door, louvered rear door, perforated top panel. Pricing includes equipment installation, hardware, cabling and wire management materials, and cushioned shipping crate.	

LOW BAND
TKB-6900 Series Conventional Simplex Base Stations
29.7 - 50.0 MHz

LIST

OPTION KSGMCABT: CABINET SOLID TOP UPGRADE \$59

Cabinet upgrade to solid top panel; replaces standard perforated top panel.

OPTION KSGMCABF: CABINET FAN TOP UPGRADE \$433

Cabinet upgrade to solid top panel with 10" diameter 120VAC fan, replaces standard perforated top panel. Can be mounted above panel or below; requires 2 RU clearance inside cabinet if mounted below panel.

OPTION KSGMCABB: CABINET INTERIOR SOLID BOTTOM UPGRADE \$89

Cabinet upgrade to add solid interior bottom panel inside cabinet, with 5 cable access openings (includes grommets and plugs).

STEP 5 -- OPTIONAL EQUIPMENT CONFIGURATIONS:

WIRELINE REMOTE CONTROL OPTIONS:

OPTION KSGTN02B: 2 CHANNEL TONE TERMINATION PANEL UPGRADE \$70

Upgrade to 2 channel tone termination panel, 2 or 4 wire, 600 Ohm balanced audio with monitor, installs in one station option bay.

OPTION KSGTN10B: 10 CHANNEL DISCRETE TONE TERMINATION PANEL UPGRADE \$594

Upgrade to 10 channel tone termination panel, 2 or 4 wire, 600 Ohm balanced audio with monitor, installs in one station option bay.

OPTION KSGTN16B: 16 CHANNEL BCD TONE TERMINATION PANEL UPGRADE \$403

Upgrade to 16 channel tone termination panel, 2 or 4 wire, 600 Ohm balanced audio with monitor, occupies 1 RU.

OPTION KSGTDC1B: 1 CHANNEL DC TERMINATION PANEL OPTION \$0

Replace 1 channel tone termination channel with 1 channel DC termination panel, 2 or 4 wire, 600 Ohm balanced audio with monitor, installs in one station option bay. Specify DC currents and function assignments at time of order.

OPTION KSGTALD2: 600 Ohm BALANCED AUDIO LINE DRIVER \$0

Replace 1 channel tone termination channel with 1 channel receive audio line driver panel, 2 wire 600 Ohm balanced output, installs in one station option bay.

MISC STATION OPTIONS:

OPTION KSGVOT1A: SIGNAL-TO-NOISE VOTER \$7,487

19" rack mount modular receiver voting comparator. Includes 1 station voter module for primary site; an additional station module is required for each additional voted receiver site.

OPTION KSGVOT2A: ADDITIONAL STATION MODULE \$1,263

Additional station voter module for signal-to-noise voting comparator. Occupies one card slot in KSGVOT1A chassis.

OPTION KSGOPTG1: PILOT TONE GENERATOR AND LINE DRIVER \$641

Internal pilot tone generator for use with voting systems, supplies 600Ohm balanced two wire audio, installs in one station option bay.

OPTION KSGOCWID: MORSE CODE IDENTIFIER \$131

Addition to basic station, internal automatic Morse Code Identifier (CWID), installs inside basic station enclosure. Specify call sign at time of order. Includes programmer and cable.

VHF High Band

TKR-7400 Series High Performance Base Stations and Repeaters

136 - 174 MHz

GENERAL:

TKR-7400 series VHF High Band Base Stations and Repeaters are integrated systems using high performance TKR-740 repeaters. The TKR-740 repeater occupies 1 RU and may be used as a 5W standalone low power station or as a driver for an external power amplifier. A conventional controller and a digital POCSAG paging transmitter are built into the TKR-740 repeater; paging terminal is not included.

OPTIONS:

Conventional station options include wire line remote control and external RF amplifiers with built-in T-R antenna switching for simplex operation. Trunking system options include external controllers for LTR and basic MPT-1327 applications; PassPort systems are available by individual quotation. High performance 6 cavity BpBr duplexers are listed as options; multichannel combining systems are quoted on an individual system basis. Power supply options include battery backup with integrated SmartCharger and Low Voltage Disconnect for the 40W and 110W configurations.

Cabinet options are 20 RU (42") and 40 RU (77") locking cabinets; 17 RU (3') or 45 RU (7') open equipment racks are also available. The basic TKR-740 repeater includes a 20A 13.8VDC switching power supply (47-63Hz, 115 or 230VAC); 40W and 110W amplifier options include an upgrade to a 40A switching power supply (the 40A power supply occupies 2 RU). Custom configurations are also available; contact your Kenwood Systems Regional Sales Manager for more details.

ORDERING INSTRUCTIONS:

Step 1: Determine the frequency sub-band:

K1 = 146 - 162 MHz Order TKR7400SK1 basic repeater

K2 = 158 - 174 MHz Order TKR7400SK2 basic repeater

K3 = 136 - 150 MHz Order TKR7400SK3 basic repeater

Step 2: Select an RF amplifier option.

Step 3: Select a Power Supply option.

Step 4: Select the desired mounting configuration.

Step 5: Select optional equipment or configuration changes.

Step 6: Add the basic configuration (Step 1) to the desired RF amplifier, power supply, mounting configuration and optional equipment (Steps 2-5) to determine configuration pricing. Specify frequencies, channel bandwidth and tone assignments with order.

VHF High Band

TKR-7400 Series High Performance Base Stations and Repeaters

136 - 174 MHz

LIST

STEP 1 -- TKR-7400 BASIC CONFIGURATION:

TKR7400SK1 BASIC CONFIGURATION, 146 - 162 MHz	\$3,258
TKR7400SK2 BASIC CONFIGURATION, 158 - 174 MHz	\$3,258
TKR7400SK3 BASIC CONFIGURATION, 136 - 150 MHz	\$3,258

TKR-7400 repeater / base station basic configuration includes 5W continuous duty repeater and 20A DC power supply. Includes factory tuning and staging, ships unmounted.

STEP 2 -- RF AMPLIFIER OPTIONS:

OPTION KSGA204S: 40W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR REPEATER STATION	\$1,608
Repeater station upgrade to include external 40W continuous duty RF amplifier, 136-174MHz. Amplifier occupies 4 RU and includes a 40A 13.8VDC power supply (upgrade from basic 20A power supply). Includes factory tuning, wiring and RF cables.	
OPTION KSGA204C: 40W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR BASE STATION	\$1,901
Base station upgrade to include external 40W continuous duty RF amplifier, 136-174MHz. Amplifier occupies 4 RU and includes a 40A 13.8VDC power supply (upgrade from basic 20 A power supply) and an integrated T-R antenna switching relay. Includes factory tuning, wiring and RF cables.	
OPTION KSGA211S: 110W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR REPEATER STATION	\$2,158
Repeater station upgrade to include external 110W continuous duty RF amplifier, 136-174MHz. Amplifier occupies 4 RU and includes a 40A 13.8VDC power supply (upgrade from basic 20A power supply). Includes factory tuning, wiring and RF cables.	
OPTION KSGA211C: 110W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR BASE STATION	\$2,222
Base station upgrade to include external 110W continuous duty RF amplifier, 136-174MHz. Amplifier occupies 4 RU and includes a 40A 13.8VDC power supply (upgrade from basic 20 A power supply) and an integrated T-R antenna switching relay. Includes factory tuning, wiring and RF cables.	
OPTION KSGA225R: 250W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR REPEATER STATION	\$7,843
Repeater station upgrade to include external 250W continuous duty RF amplifier, 136-174MHz. Amplifier occupies 5 RU and is powered by 120 / 240 VAC power. Includes factory tuning, wiring and RF cables. Note: This configuration cannot be used with the KSGPWR72 or KSGPWRB2 battery backup power supply options.	
OPTION KSGA225B: 250W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR BASE STATION	\$8,515
Base station upgrade to include external 250W continuous duty RF amplifier, 136-174MHz. Amplifier occupies 5 RU and is powered by 120 / 240VAC power. Includes factory tuning, wiring, RF cables and an integrated T-R antenna switching relay. Note: This configuration cannot be used with the KSGPWR72 or KSGPWRB2 battery backup power supply options.	

STEP 3 -- POWER SUPPLY OPTIONS:

OPTION KSGPWRX2: DELETE POWER SUPPLY	-\$247
Delete 20A switching power supply from basic station configuration. Note: Not applicable when upgrading amplifier or power supply.	
OPTION KSGPWR72: 13.8VDC, 70A POWER SUPPLY UPGRADE	\$1,107
Power supply upgrade to 13.8VDC at 70A continuous duty switching power supply with front panel metering, requires 2 RU. Replaces basic configuration 20A switching power supply. Will power up to 2 channels. Note: This item cannot be used with the 250W Amplifier upgrade.	
OPTION KSGPWRB2: 13.8VDC, 70A POWER SUPPLY WITH SMARTCHARGER UPGRADE	\$1,489
Power supply upgrade to 13.8VDC at 70A continuous duty switching power supply with front panel metering, built-in SmartCharger, low-voltage disconnect and solid state no-break transfer diodes, requires 2 RU, includes sealed fuse holder and fuses for battery (battery not included). Replaces basic configuration 20A switching power supply. Will power up to 2 channels. Gel cell batteries are available; contact your Kenwood Systems Regional Sales Manager for details. Note: This item cannot be used with the 250W Amplifier upgrade.	

VHF High Band

TKR-7400 Series High Performance Base Stations and Repeaters

136 - 174 MHz

LIST

STEP 4 -- MOUNTING CONFIGURATION:

OPTION KSGMRCK3: 17 RU (3') ALUMINUM EQUIPMENT RACK	\$1,119
Standard 3' aluminum equipment rack providing 17 RU vertical mounting. Pricing includes equipment installation, hardware, cabling and wire management materials, and cushioned shipping crate.	
OPTION KSGMRCK7: 45 RU (7') ALUMINUM EQUIPMENT RACK	\$1,207
Standard 7' aluminum equipment rack providing 45 RU vertical mounting. Pricing includes equipment installation, hardware, cabling and wire management materials, and cushioned shipping crate.	
OPTION KSGMCAB2: 20 RU (42") LOCKING CABINET	\$2,050
Locking cabinet, 42"H x 22"W x 24"D, providing 20 RU vertical mounting, solid front door, louvered rear door, perforated top panel. Pricing includes equipment installation, hardware, cabling and wire management materials, and cushioned shipping crate.	
OPTION KSGMCAB4: 40 RU (77") LOCKING CABINET	\$2,783
Locking cabinet, 77"H x 22"W x 24"D, providing 40 RU vertical mounting, solid front door, louvered rear door, perforated top panel. Pricing includes equipment installation, hardware, cabling and wire management materials, and cushioned shipping crate.	
OPTION KSGMCABT: CABINET SOLID TOP UPGRADE	\$59
Cabinet upgrade to solid top panel; replaces standard perforated top panel.	
OPTION KSGMCABF: CABINET FAN TOP UPGRADE	\$433
Cabinet upgrade to solid top panel with 10" diameter 120VAC fan, replaces standard perforated top panel. Can be mounted above panel or below; requires 2 RU clearance inside cabinet if mounted below panel.	
OPTION KSGMCABB: CABINET INTERIOR SOLID BOTTOM UPGRADE	\$89
Cabinet upgrade to add solid interior bottom panel inside cabinet, with 5 cable access openings (includes grommets and plugs).	

STEP 5 -- OPTIONAL EQUIPMENT CONFIGURATIONS:

WIRELINE REMOTE CONTROL OPTIONS:

OPTION KSGTN01A: 1 CHANNEL TONE TERMINATION PANEL	\$675
1 channel tone termination panel, 2 or 4 wire, 600 Ohm balanced audio with monitor, occupies 1 RU.	
OPTION KSGTN02A: 2 CHANNEL TONE TERMINATION PANEL	\$745
2 channel tone termination panel, 2 or 4 wire, 600 Ohm balanced audio with monitor, occupies 1 RU.	
OPTION KSGTN10A: 10 CHANNEL DISCRETE TONE TERMINATION PANEL	\$1,254
10 channel tone termination panel, 2 or 4 wire, 600 Ohm balanced audio with monitor, occupies 1 RU.	
OPTION KSGTN16A: 16 CHANNEL BCD TONE TERMINATION PANEL	\$951
16 channel tone termination panel, 2 or 4 wire, 600 Ohm balanced audio with monitor, occupies 1 RU.	
OPTION KSGTDC1A: 1 CHANNEL DC TERMINATION PANEL	\$393
1 channel DC termination panel, 2 or 4 wire, 600 Ohm balanced audio with monitor, occupies 1 RU. Specify DC currents and functions at time of order.	
OPTION KSGTALD1: 600 Ohm BALANCED AUDIO LINE DRIVER	\$353
Add 1 channel receive audio line driver panel, 2 wire 600 Ohm balanced output. Occupies 1 RU.	

VHF High Band

TKR-7400 Series High Performance Base Stations and Repeaters

136 - 174 MHz

	LIST
EXTERNAL TRUNKING CONTROLLER OPTIONS:	
OPTION KSGC040L: LTR DISPATCH TRUNKING CONTROLLER Raider LTR dispatch-only trunking controller. Includes setup, tuning and interface cable.	\$1,585
OPTION KSGC050L: LTR DISPATCH & INTERCONNECT TRUNKING CONTROLLER Marauder LTR dispatch and interconnect trunking controller. Includes setup, tuning and interface cable.	\$2,978
OPTION KSGC452L: LTR DISPATCH TRUNKING CONTROLLER Model 452 LTR dispatch-only trunking controller. Includes setup, tuning and interface cable.	\$1,856
OPTION KSGC459L: LTR DISPATCH & INTERCONNECT TRUNKING CONTROLLER Model 459 LTR dispatch and interconnect trunking controller. Includes setup, tuning and interface cable.	\$3,577
OPTION KSGC807M: BASIC MPT-1327 TRUNKING CONTROLLER Model 807 MPT trunking controller. Includes setup, tuning and interface cable.	\$7,382
OPTION KSGC827M: BASIC MPT-1327 INTERCONNECT CONTROLLER Model 827 MPT trunking controller. Includes setup, tuning and interface cable.	\$6,422
OPTION KSGC844M: BASIC MPT-1327 MULTI-SITE CONTROLLER Model 844 MPT multi-site controller. Includes setup, tuning and interface cable.	\$10,012
OPTION KSGC427M: BASIC MPT-1327 PERIPHERAL EQUIPMENT INTERFACE Model 427 MPT peripheral equipment with MAP-27 interface. Includes setup, tuning and interface cable.	\$10,012
MISC STATION OPTIONS:	
OPTION KSGD2P1B: 6 CAVITY BpBr DUPLEXER, 400KHz MINIMUM SPACING, 150W 6 cavity BpBr duplexer, 150W continuous duty, minimum TX-RX spacing 400 kHz. Includes RF cables.	\$3,244
OPTION KSGOMOD1: BASIC SITE MANAGEMENT MODEM Generic site management modem, 2400 bps, for use with LTR controllers, includes interface cable.	\$314
OPTION KSGOMOD2: HIGH PERFORMANCE SITE MANAGEMENT MODEM High performance site management modem designed for extra stability in high RF environments, 2400 bps, for use with LTR controllers, includes interface cable.	\$887
OPTION KSGVOT1A: SIGNAL-TO-NOISE VOTER 19" rack mount modular receiver voting comparator. Includes 1 station voter module for primary site; an additional station module is required for each additional voted receiver site.	\$7,487
OPTION KSGVOT2A: ADDITIONAL STATION MODULE Additional station voter module for signal-to-noise voting comparator. Occupies one card slot in KSGVOT1A chassis.	\$1,263
OPTION KSGOPTG1: PILOT TONE GENERATOR AND LINE DRIVER Internal pilot tone generator for use with voting systems, supplies 600Ohm balanced two wire audio, installs in one station option bay.	\$641

Note: Pre-Selectors, Multi-Couplers, and Combiners are available by special order.
Please contact your Kenwood Systems Regional Sales Manager for more information.

VHF High Band

TKR-7500 Series Base Stations and Repeaters

136 - 174 MHz

GENERAL:

TKR-7500 Series VHF High Band Base Stations and Repeaters are integrated systems using TKR-750 or TKR-751 repeaters depending on frequency sub-band. The TKR-750/751 repeater occupies 2 RU and may be used as a continuous-duty 25W standalone low power station or as a driver for an external power amplifier. A conventional controller is built into the TKR-750/751 repeaters.

OPTIONS:

Conventional station options include wire line remote control and external RF amplifiers with built-in T-R antenna switching for simplex operation. Trunking system options include external controllers for LTR and basic MPT-1327 applications; PassPort systems are available by individual quotation. High performance 6 cavity BpBr duplexers are listed as options; multichannel combining systems are quoted on an individual system basis. Power supply options include battery backup with integrated SmartCharger and Low Voltage Disconnect for the 40W and 110W configurations.

Cabinet options are 20 RU (42") and 40 RU (77") locking cabinets; 17 RU (3') or 45 RU (7') open equipment racks are also available. The basic TKR-750/751 repeater includes a 20A 13.8VDC switching power supply (47-63Hz, 115 or 230VAC); 40W and 110W amplifier options include an upgrade to a 40A switching power supply (the 40A power supply occupies 2 RU). Custom configurations are also available; contact your Kenwood Systems Regional Sales Manager for more details.

ORDERING INSTRUCTIONS:

Step 1: Determine the frequency sub-band:

- K1 = 146 - 174 MHz Order TKR7510SK1 basic repeater
- K2 = 136 - 146 MHz Order TKR7500SK2 basic repeater

Step 2: Select an RF amplifier option.

Step 3: Select a Power Supply option.

Step 4: Select the desired mounting configuration.

Step 5: Select optional equipment or configuration changes.

Step 6: Add the basic configuration (Step 1) to the desired RF amplifier, power supply, mounting configuration and optional equipment (Steps 2-5) to determine configuration pricing. Specify frequencies, channel bandwidth and tone assignments with order.

VHF High Band

TKR-7500 Series Base Stations and Repeaters

136 - 174 MHz

LIST

STEP 1 -- TKR-7500 BASIC CONFIGURATION:

TKR7510SK1 BASIC CONFIGURATION, 146 - 174 MHz	\$1,727
TKR7500SK2 BASIC CONFIGURATION, 136 - 146 MHz	\$2,035
TKR-7500 series repeater / base station basic configuration includes 25W continuous duty repeater and 20A DC power supply. Includes factory tuning and staging, ships unmounted.	

STEP 2 -- RF AMPLIFIER OPTIONS:

OPTION KSGA204R: 40W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR REPEATER STATION	\$1,735
Repeater station upgrade to include external 40W continuous duty RF amplifier, 136-174MHz. Amplifier occupies 4 RU and includes a 40A 13.8VDC power supply (upgrade from basic 20A power supply). Includes factory tuning, wiring and RF cables.	
OPTION KSGA204B: 40W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR BASE STATION	\$2,029
Base station upgrade to include external 40W continuous duty RF amplifier, 136-174MHz. Amplifier occupies 4 RU and includes a 40A 13.8VDC power supply (upgrade from basic 20 A power supply) and an integrated T-R antenna switching relay. Includes factory tuning, wiring and RF cables.	
OPTION KSGA211R: 110W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR REPEATER STATION	\$2,285
Repeater station upgrade to include external 110W continuous duty RF amplifier, 136-174MHz. Amplifier occupies 4 RU and includes a 40A 13.8VDC power supply (upgrade from basic 20A power supply). Includes factory tuning, wiring and RF cables.	
OPTION KSGA211B: 110W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR BASE STATION	\$2,350
Base station upgrade to include external 110W continuous duty RF amplifier, 136-174MHz. Amplifier occupies 4 RU and includes a 40A 13.8VDC power supply (upgrade from basic 20 A power supply) and an integrated T-R antenna switching relay. Includes factory tuning, wiring and RF cables.	
OPTION KSGA225R: 250W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR REPEATER STATION	\$7,843
Repeater station upgrade to include external 250W continuous duty RF amplifier, 136-174MHz. Amplifier occupies 5 RU and is powered by 120 / 240 VAC power. Includes factory tuning, wiring and RF cables. Note: This configuration cannot be used with the KSGPWR72 or KSGPWRB2 battery backup power supply options.	
OPTION KSGA211B: 250W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR BASE STATION	\$8,515
Base station upgrade to include external 250W continuous duty RF amplifier, 136-174MHz. Amplifier occupies 5 RU and is powered by 120 / 240VAC power. Includes factory tuning, wiring, RF cables and an integrated T-R antenna switching relay. Note: This configuration cannot be used with the KSGPWR72 or KSGPWRB2 battery backup power supply options.	

STEP 3 -- POWER SUPPLY OPTIONS:

OPTION KSGPWRX2: DELETE POWER SUPPLY	-\$247
Delete 20A switching power supply from basic station configuration. Note: Not applicable when upgrading amplifier or power supply.	
OPTION KSGPWR72: 13.8VDC, 70A POWER SUPPLY UPGRADE	\$1,107
Power supply upgrade to 13.8VDC at 70A continuous duty switching power supply with front panel metering, requires 2 RU. Replaces basic configuration 20A switching power supply. Will power up to 2 channels. Note: This item cannot be used with the 250W Amplifier upgrade.	
OPTION KSGPWRB2: 13.8VDC, 70A POWER SUPPLY WITH SMARTCHARGER UPGRADE	\$1,489
Power supply upgrade to 13.8VDC at 70A continuous duty switching power supply with front panel metering, built-in SmartCharger, low-voltage disconnect and solid state no-break transfer diodes, requires 2 RU, includes sealed fuse holder and fuses for battery (battery not included). Replaces basic configuration 20A switching power supply. Will power up to 2 channels. Gel cell batteries are available; contact your Kenwood Systems Regional Sales Manager for details. Note: This item cannot be used with the 250W Amplifier upgrade.	

VHF High Band
TKR-7500 Series Base Stations and Repeaters
136 - 174 MHz

LIST

STEP 4 -- MOUNTING CONFIGURATION:

OPTION KSGMRCK3: 17 RU (3') ALUMINUM EQUIPMENT RACK	\$1,119
Standard 3' aluminum equipment rack providing 17 RU vertical mounting. Pricing includes equipment installation, hardware, cabling and wire management materials, and cushioned shipping crate.	
OPTION KSGMRCK7: 45 RU (7') ALUMINUM EQUIPMENT RACK	\$1,207
Standard 7' aluminum equipment rack providing 45 RU vertical mounting. Pricing includes equipment installation, hardware, cabling and wire management materials, and cushioned shipping crate.	
OPTION KSGMCAB2: 20 RU (42") LOCKING CABINET	\$2,050
Locking cabinet, 42"H x 22"W x 24"D, providing 20 RU vertical mounting, solid front door, louvered rear door, perforated top panel. Pricing includes equipment installation, hardware, cabling and wire management materials, and cushioned shipping crate.	
OPTION KSGMCAB4: 40 RU (77") LOCKING CABINET	\$2,783
Locking cabinet, 77"H x 22"W x 24"D, providing 40 RU vertical mounting, solid front door, louvered rear door, perforated top panel. Pricing includes equipment installation, hardware, cabling and wire management materials, and cushioned shipping crate.	
OPTION KSGMCABT: CABINET SOLID TOP UPGRADE	\$59
Cabinet upgrade to solid top panel; replaces standard perforated top panel.	
OPTION KSGMCABF: CABINET FAN TOP UPGRADE	\$433
Cabinet upgrade to solid top panel with 10" diameter 120VAC fan, replaces standard perforated top panel. Can be mounted above panel or below; requires 2 RU clearance inside cabinet if mounted below panel.	
OPTION KSGMCABB: CABINET INTERIOR SOLID BOTTOM UPGRADE	\$89
Cabinet upgrade to add solid interior bottom panel inside cabinet, with 5 cable access openings (includes grommets and plugs).	

STEP 5 -- OPTIONAL EQUIPMENT CONFIGURATIONS:

WIRELINE REMOTE CONTROL OPTIONS:

OPTION KSGTN01A: 1 CHANNEL TONE TERMINATION PANEL	\$675
1 channel tone termination panel, 2 or 4 wire, 600 Ohm balanced audio with monitor, occupies 1 RU.	
OPTION KSGTN02A: 2 CHANNEL TONE TERMINATION PANEL	\$745
2 channel tone termination panel, 2 or 4 wire, 600 Ohm balanced audio with monitor, occupies 1 RU.	
OPTION KSGTN10A: 10 CHANNEL DISCRETE TONE TERMINATION PANEL	\$1,254
10 channel tone termination panel, 2 or 4 wire, 600 Ohm balanced audio with monitor, occupies 1 RU.	
OPTION KSGTN16B: 16 CHANNEL BCD TONE TERMINATION PANEL	\$951
16 channel tone termination panel, 2 or 4 wire, 600 Ohm balanced audio with monitor, occupies 1 RU.	
OPTION KSGTDC1A: 1 CHANNEL DC TERMINATION PANEL	\$393
1 channel DC termination panel, 2 or 4 wire, 600 Ohm balanced audio with monitor, occupies 1 RU. Specify DC currents and functions at time of order.	
OPTION KSGTALD1: 600 Ohm BALANCED AUDIO LINE DRIVER	\$353
Add 1 channel receive audio line driver panel, 2 wire 600 Ohm balanced output. Occupies 1 RU.	

VHF High Band
TKR-7500 Series Base Stations and Repeaters
136 - 174 MHz

	LIST
EXTERNAL TRUNKING CONTROLLER OPTIONS:	
OPTION KSGC040L: LTR DISPATCH TRUNKING CONTROLLER Raider LTR dispatch-only trunking controller. Includes setup, tuning and interface cable.	\$1,585
OPTION KSGC050L: LTR DISPATCH & INTERCONNECT TRUNKING CONTROLLER Marauder LTR dispatch and interconnect trunking controller. Includes setup, tuning and interface cable.	\$2,978
OPTION KSGC452L: LTR DISPATCH TRUNKING CONTROLLER Model 452 LTR dispatch-only trunking controller. Includes setup, tuning and interface cable.	\$1,856
OPTION KSGC459L: LTR DISPATCH & INTERCONNECT TRUNKING CONTROLLER Model 459 LTR dispatch and interconnect trunking controller. Includes setup, tuning and interface cable.	\$3,577
OPTION KSGC807M: BASIC MPT-1327 TRUNKING CONTROLLER Model 807 MPT trunking controller. Includes setup, tuning and interface cable.	\$7,385
OPTION KSGC827M: BASIC MPT-1327 INTERCONNECT CONTROLLER Model 827 MPT trunking controller. Includes setup, tuning and interface cable.	\$6,422
OPTION KSGC844M: BASIC MPT-1327 MULTI-SITE CONTROLLER Model 844 MPT multi-site controller. Includes setup, tuning and interface cable.	\$10,012
OPTION KSGC427M: BASIC MPT-1327 PERIPHERAL EQUIPMENT INTERFACE Model 427 MPT peripheral equipment with MAP-27 interface. Includes setup, tuning and interface cable.	\$10,012
MISC STATION OPTIONS:	
OPTION KSGD2P1B: 6 CAVITY BpBr DUPLEXER, 400KHz MINIMUM SPACING, 150W 6 cavity BpBr duplexer, 150W continuous duty, minimum TX-RX spacing 400 kHz. Includes RF cables.	\$3,244
OPTION KSGOMOD1: BASIC SITE MANAGEMENT MODEM Generic site management modem, 2400 bps, for use with LTR controllers, includes interface cable.	\$314
OPTION KSGOMOD2: HIGH PERFORMANCE SITE MANAGEMENT MODEM High performance site management modem designed for extra stability in high RF environments, 2400 bps, for use with LTR controllers, includes interface cable.	\$887
OPTION KSGVOT1A: SIGNAL-TO-NOISE VOTER 19" rack mount modular receiver voting comparator. Includes 1 station voter module for primary site; an additional station module is required for each additional voted receiver site.	\$7,487
OPTION KSGVOT2A: ADDITIONAL STATION MODULE Additional station voter module for signal-to-noise voting comparator. Occupies one card slot in KSGVOT1A chassis.	\$1,263
OPTION KSGOPTG1: PILOT TONE GENERATOR AND LINE DRIVER Internal pilot tone generator for use with voting systems, supplies 600Ohm balanced two wire audio, installs in one station option bay.	\$641

Note: Pre-Selectors, Multi-Couplers, and Combiners are available by special order.
Please contact your Kenwood Systems Regional Sales Manager for more information.

UHF

TKR-8400 Series High Performance Base Stations and Repeaters

450 - 512 MHz

GENERAL:

TKR-8400 series UHF High Performance Base Stations and Repeaters are integrated systems using high performance TKR-840 repeaters. The TKR-840 repeater occupies 1 RU and may be used as a 5W standalone low power station or as a driver for an external power amplifier. A conventional controller and a digital POCSAG paging transmitter are built into the TKR-840 repeater; paging terminal is not included.

OPTIONS:

Conventional station options include wire line remote control and external RF amplifiers with built-in T-R antenna switching for simplex operation. Trunking system options include external controllers for LTR and basic MPT-1327 applications; PassPort systems are available by individual quotation. High performance 6 cavity BpBr duplexers are listed as options; multichannel combining systems are quoted on an individual system basis. Power supply options include battery backup with integrated SmartCharger and Low Voltage Disconnect for the 40W and 100W configurations.

Cabinet options are 20 RU (42") and 40 RU (77") locking cabinets; 17 RU (3') or 45 RU (7') open equipment racks are also available. The basic TKR-840 repeater includes a 20A 13.8VDC switching power supply (47-63Hz, 115 or 230VAC); 40W and 100W amplifier options include an upgrade to a 40A switching power supply (the 40A power supply occupies 2 RU). Custom configurations are also available; contact your Kenwood Systems Regional Sales Manager for more details.

ORDERING INSTRUCTIONS:

Step 1: Determine the frequency sub-band:

K1 = 450 - 480 MHz Order TKR8400SK1 basic repeater

K2 = 480 - 512 MHz Order TKR8400SK2 basic repeater

Step 2: Select an RF amplifier option.

Step 3: Select a Power Supply option.

Step 4: Select the desired mounting configuration.

Step 5: Select optional equipment or configuration changes.

Step 6: Add the basic configuration (Step 1) to the desired RF amplifier, power supply, mounting configuration and optional equipment (Steps 2-5) to determine configuration pricing. Specify frequencies, channel bandwidth and tone assignments with order.

UHF

TKR-8400 Series High Performance Base Stations and Repeaters 450 - 512 MHz

LIST

STEP 1 -- TKR-8400 BASIC CONFIGURATION:

TKR8400SK1 BASIC CONFIGURATION, 450 - 480 MHz	\$3,347
TKR8400SK2 BASIC CONFIGURATION, 480 - 512 MHz	\$3,347
TKR-8400 repeater / base station basic configuration includes 5W continuous duty repeater and 20A DC power supply. Includes factory tuning and staging, ships unmounted.	

STEP 2 -- RF AMPLIFIER OPTIONS:

OPTION KSGA304S: 40W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR REPEATER STATION	\$1,547
Repeater station upgrade to include external 40W continuous duty RF amplifier, 400-512MHz. Amplifier occupies 4 RU and includes a 40A 13.8VDC power supply (upgrade from basic 20A power supply). Includes factory tuning, wiring and RF cables.	
OPTION KSGA304C: 40W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR BASE STATION	\$1,617
Base station upgrade to include external 40W continuous duty RF amplifier, 400-512MHz. Amplifier occupies 4 RU and includes a 40A 13.8VDC power supply (upgrade from basic 20 A power supply) and an integrated T-R antenna switching relay. Includes factory tuning, wiring and RF cables.	
OPTION KSGA310S: 100W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR REPEATER STATION	\$2,086
Repeater station upgrade to include external 100W continuous duty RF amplifier, 400-512MHz. Amplifier occupies 4 RU and includes a 40A 13.8VDC power supply (upgrade from basic 20A power supply). Includes factory tuning, wiring and RF cables.	
OPTION KSGA310C: 100W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR BASE STATION	\$2,456
Base station upgrade to include external 100W continuous duty RF amplifier, 400-512MHz. Amplifier occupies 4 RU and includes a 40A 13.8VDC power supply (upgrade from basic 20 A power supply) and an integrated T-R antenna switching relay. Includes factory tuning, wiring and RF cables.	
OPTION KSGA325R: 250W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR REPEATER STATION	\$11,452
Repeater station upgrade to include external 250W continuous duty RF amplifier, 400-512MHz. Amplifier occupies 5 RU and is powered by 120 / 240 VAC power. Includes factory tuning, wiring and RF cables. Note: This configuration cannot be used with the KSGPWR72 or KSGPWRB2 battery backup power supply options.	
OPTION KSGA325B: 250W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR BASE STATION	\$12,143
Base station upgrade to include external 250W continuous duty RF amplifier, 400-512MHz. Amplifier occupies 5 RU and is powered by 120 / 240VAC power. Includes factory tuning, wiring, RF cables and an integrated T-R antenna switching relay. Note: This configuration cannot be used with the KSGPWR72 or KSGPWRB2 battery backup power supply options.	

STEP 3 -- POWER SUPPLY OPTIONS:

OPTION KSGPWRX2: DELETE POWER SUPPLY	-\$247
Delete 20A switching power supply from basic station configuration. Note: Not applicable when upgrading amplifier or power supply.	
OPTION KSGPWR72: 13.8VDC, 70A POWER SUPPLY UPGRADE	\$1,107
Power supply upgrade to 13.8VDC at 70A continuous duty switching power supply with front panel metering, requires 2 RU. Replaces basic configuration 20A switching power supply. Will power up to 2 channels. Note: This item cannot be used with the 250W Amplifier upgrade.	
OPTION KSGPWRB2: 13.8VDC, 70A POWER SUPPLY WITH SMARTCHARGER UPGRADE	\$1,489
Power supply upgrade to 13.8VDC at 70A continuous duty switching power supply with front panel metering, built-in SmartCharger, low-voltage disconnect and solid state no-break transfer diodes, requires 2 RU, includes sealed fuse holder and fuses for battery (battery not included). Replaces basic configuration 20A switching power supply. Will power up to 2 channels. Gel cell batteries are available; contact your Kenwood Systems Regional Sales Manager for details. Note: This item cannot be used with the 250W Amplifier upgrade.	

UHF

TKR-8400 Series High Performance Base Stations and Repeaters

450 - 512 MHz

LIST

STEP 4 -- MOUNTING CONFIGURATION:

OPTION KSGMRCK3: 17 RU (3') ALUMINUM EQUIPMENT RACK	\$1,119
Standard 3' aluminum equipment rack providing 17 RU vertical mounting. Pricing includes equipment installation, hardware, cabling and wire management materials, and cushioned shipping crate.	
OPTION KSGMRCK7: 45 RU (7') ALUMINUM EQUIPMENT RACK	\$1,207
Standard 7' aluminum equipment rack providing 45 RU vertical mounting. Pricing includes equipment installation, hardware, cabling and wire management materials, and cushioned shipping crate.	
OPTION KSGMCAB2: 20 RU (42") LOCKING CABINET	\$2,050
Locking cabinet, 42"H x 22"W x 24"D, providing 20 RU vertical mounting, solid front door, louvered rear door, perforated top panel. Pricing includes equipment installation, hardware, cabling and wire management materials, and cushioned shipping crate.	
OPTION KSGMCAB4: 40 RU (77") LOCKING CABINET	\$2,783
Locking cabinet, 77"H x 22"W x 24"D, providing 40 RU vertical mounting, solid front door, louvered rear door, perforated top panel. Pricing includes equipment installation, hardware, cabling and wire management materials, and cushioned shipping crate.	
OPTION KSGMCABT: CABINET SOLID TOP UPGRADE	\$59
Cabinet upgrade to solid top panel; replaces standard perforated top panel.	
OPTION KSGMCABF: CABINET FAN TOP UPGRADE	\$433
Cabinet upgrade to solid top panel with 10" diameter 120VAC fan, replaces standard perforated top panel. Can be mounted above panel or below; requires 2 RU clearance inside cabinet if mounted below panel.	
OPTION KSGMCABB: CABINET INTERIOR SOLID BOTTOM UPGRADE	\$89
Cabinet upgrade to add solid interior bottom panel inside cabinet, with 5 cable access openings (includes grommets and plugs).	

STEP 5 -- OPTIONAL EQUIPMENT CONFIGURATIONS:

WIRELINE REMOTE CONTROL OPTIONS:

OPTION KSGTN01A: 1 CHANNEL TONE TERMINATION PANEL	\$675
1 channel tone termination panel, 2 or 4 wire, 600 Ohm balanced audio with monitor, occupies 1 RU.	
OPTION KSGTN02A: 2 CHANNEL TONE TERMINATION PANEL	\$745
2 channel tone termination panel, 2 or 4 wire, 600 Ohm balanced audio with monitor, occupies 1 RU.	
OPTION KSGTN10A: 10 CHANNEL DISCRETE TONE TERMINATION PANEL	\$1,254
10 channel tone termination panel, 2 or 4 wire, 600 Ohm balanced audio with monitor, occupies 1 RU.	
OPTION KSGTN16A: 16 CHANNEL BCD TONE TERMINATION PANEL	\$951
16 channel tone termination panel, 2 or 4 wire, 600 Ohm balanced audio with monitor, occupies 1 RU.	
OPTION KSGTDC1A: 1 CHANNEL DC TERMINATION PANEL	\$393
1 channel DC termination panel, 2 or 4 wire, 600 Ohm balanced audio with monitor, occupies 1 RU. Specify DC currents and functions at time of order.	
OPTION KSGTALD1: 600 Ohm BALANCED AUDIO LINE DRIVER	\$353
Add 1 channel receive audio line driver panel, 2 wire 600 Ohm balanced output. Occupies 1 RU.	

UHF

TKR-8400 Series High Performance Base Stations and Repeaters

450 - 512 MHz

LIST

EXTERNAL TRUNKING CONTROLLER OPTIONS:

OPTION KSGC040L: LTR DISPATCH TRUNKING CONTROLLER	\$1,585
Raider LTR dispatch-only trunking controller. Includes setup, tuning and interface cable.	
OPTION KSGC050L: LTR DISPATCH & INTERCONNECT TRUNKING CONTROLLER	\$2,978
Marauder LTR dispatch and interconnect trunking controller. Includes setup, tuning and interface cable.	
OPTION KSGC452L: LTR DISPATCH TRUNKING CONTROLLER	\$1,856
Model 452 LTR dispatch-only trunking controller. Includes setup, tuning and interface cable.	
OPTION KSGC459L: LTR DISPATCH & INTERCONNECT TRUNKING CONTROLLER	\$3,577
Model 459 LTR dispatch and interconnect trunking controller. Includes setup, tuning and interface cable.	
OPTION KSGC807M: BASIC MPT-1327 TRUNKING CONTROLLER	\$7,385
Model 807 MPT trunking controller. Includes setup, tuning and interface cable.	
OPTION KSGC827M: BASIC MPT-1327 INTERCONNECT CONTROLLER	\$6,422
Model 827 MPT trunking controller. Includes setup, tuning and interface cable.	
OPTION KSGC844M: BASIC MPT-1327 MULTI-SITE CONTROLLER	\$10,012
Model 844 MPT multi-site controller. Includes setup, tuning and interface cable.	
OPTION KSGC427M: BASIC MPT-1327 PERIPHERAL EQUIPMENT INTERFACE	\$10,012
Model 427 MPT peripheral equipment with MAP-27 interface. Includes setup, tuning and interface cable.	

MISC STATION OPTIONS:

OPTION KSGD3P1B: 6 CAVITY BpBr DUPLEXER, 3MHz MINIMUM SPACING, 125W	\$3,244
6 cavity BpBr duplexer, 125W continuous duty, minimum TX-RX spacing 3MHz. Includes RF cables.	
OPTION KSGOMOD1: BASIC SITE MANAGEMENT MODEM	\$314
Generic site management modem, 2400 bps, for use with LTR controllers, includes interface cable.	
OPTION KSGOMOD2: HIGH PERFORMANCE SITE MANAGEMENT MODEM	\$887
High performance site management modem designed for extra stability in high RF environments, 2400 bps, for use with LTR controllers, includes interface cable.	
OPTION KSGVOT1A: SIGNAL-TO-NOISE VOTER	\$7,487
19" rack mount modular receiver voting comparator. Includes 1 station voter module for primary site; an additional station module is required for each additional voted receiver site.	
OPTION KSGVOT2A: ADDITIONAL STATION MODULE	\$1,263
Additional station voter module for signal-to-noise voting comparator. Occupies one card slot in KSGVOT1A chassis.	
OPTION KSGOPTG1: PILOT TONE GENERATOR AND LINE DRIVER	\$641
Internal pilot tone generator for use with voting systems, supplies 600Ohm balanced two wire audio, installs in one station option bay.	

Note: Pre-Selectors, Multi-Couplers, and Combiners are available by special order.
Please contact your Kenwood Systems Regional Sales Manager for more information.

UHF
TKR-8500 Series Base Stations and Repeaters
400 - 430 MHz and 450 - 512 MHz

GENERAL:

TKR-8500 Series UHF Base Stations and Repeaters are integrated systems using TKR-850 or TKR-851 repeaters depending on frequency sub-band. The TKR-850/851 repeater occupies 2 RU and may be used as a continuous-duty 25W standalone low power station or as a driver for an external power amplifier. A conventional controller is built into the TKR-850/851 repeaters.

OPTIONS:

Conventional station options include wire line remote control and external RF amplifiers with built-in T-R antenna switching for simplex operation. Trunking system options include external controllers for LTR and basic MPT-1327 applications; PassPort systems are available by individual quotation. High performance 6 cavity BpBr duplexers are listed as options; multichannel combining systems are quoted on an individual system basis. Power supply options include battery backup with integrated SmartCharger and Low Voltage Disconnect for the 40W and 100W configurations.

Cabinet options are 20 RU (42") and 40 RU (77") locking cabinets; 17 RU (3') or 45 RU (7') open equipment racks are also available. The basic TKR-850/851 repeater includes a 20A 13.8VDC switching power supply (47-63Hz, 115 or 230VAC); 40W and 100W amplifier options include an upgrade to a 40A switching power supply (the 40A power supply occupies 2 RU). Custom configurations are also available; contact your Kenwood Systems Regional Sales Manager for more details.

ORDERING INSTRUCTIONS:

Step 1: Determine the frequency sub-band:

- K1 = 450 - 480 MHz Order TKR8510SK1 basic repeater
- K2 = 480 - 512 MHz Order TKR8500SK2 basic repeater
- K3 = 400 - 430 MHz Order TKR8500SK3 basic repeater

Step 2: Select an RF amplifier option.

Step 3: Select a Power Supply option.

Step 4: Select the desired mounting configuration.

Step 5: Select optional equipment or configuration changes.

Step 6: Add the basic configuration (Step 1) to the desired RF amplifier, power supply, mounting configuration and optional equipment (Steps 2-5) to determine configuration pricing. Specify frequencies, channel bandwidth and tone assignments with order.

UHF

TKR-8500 Series Base Stations and Repeaters 400 - 430 MHz and 450 - 512 MHz

LIST

STEP 1 -- TKR-8500 BASIC CONFIGURATION:

TKR8510SK1 BASIC CONFIGURATION, 450 - 480 MHz	\$1,784
TKR8500SK2 BASIC CONFIGURATION, 480 - 512 MHz	\$2,140
TKR8500SK3 BASIC CONFIGURATION, 400 - 430 MHz	\$2,140
TKR-8500 series repeater / base station basic configuration includes 25W continuous duty repeater and 20A DC power supply. Includes factory tuning and staging, ships unmounted.	

STEP 2 -- RF AMPLIFIER OPTIONS:

OPTION KSGA304R: 40W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR REPEATER STATION	\$1,675
Repeater station upgrade to include external 40W continuous duty RF amplifier, 400-512MHz. Amplifier occupies 4 RU and includes a 40A 13.8VDC power supply (upgrade from basic 20A power supply). Includes factory tuning, wiring and RF cables.	
OPTION KSGA304B: 40W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR BASE STATION	\$1,712
Base station upgrade to include external 40W continuous duty RF amplifier, 400-512MHz. Amplifier occupies 4 RU and includes a 40A 13.8VDC power supply (upgrade from basic 20 A power supply) and a T-R antenna switching relay. Includes factory tuning, wiring and RF cables.	
OPTION KSGA310R: 100W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR REPEATER STATION	\$2,214
Repeater station upgrade to include external 100W continuous duty RF amplifier, 400-512MHz. Amplifier occupies 4 RU and includes a 40A 13.8VDC power supply (upgrade from basic 20A power supply). Includes factory tuning, wiring and RF cables.	
OPTION KSGA310B: 100W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR BASE STATION	\$2,475
Base station upgrade to include external 100W continuous duty RF amplifier, 400-512MHz. Amplifier occupies 4 RU and includes a 40A 13.8VDC power supply (upgrade from basic 20 A power supply) and a T-R antenna switching relay. Includes factory tuning, wiring and RF cables.	
OPTION KSGA325R: 250W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR REPEATER STATION	\$11,452
Repeater station upgrade to include external 250W continuous duty RF amplifier, 400-512MHz. Amplifier occupies 5 RU and is powered by 120 / 240 VAC power. Includes factory tuning, wiring and RF cables. Note: This configuration cannot be used with the KSGPWR72 or KSGPWRB2 battery backup power supply options.	
OPTION KSGA325B: 250W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR BASE STATION	\$12,143
Base station upgrade to include external 250W continuous duty RF amplifier, 400-512MHz. Amplifier occupies 5 RU and is powered by 120 / 240VAC power. Includes factory tuning, wiring, RF cables and a T-R antenna switching relay. Note: This configuration cannot be used with the KSGPWR72 or KSGPWRB2 battery backup power supply options.	

STEP 3 -- POWER SUPPLY OPTIONS:

OPTION KSGPWRX2: DELETE POWER SUPPLY	-\$247
Delete 20A switching power supply from basic station configuration. Note: Not applicable when upgrading amplifier or power supply.	
OPTION KSGPWR72: 13.8VDC, 70A POWER SUPPLY UPGRADE	\$1,107
Power supply upgrade to 13.8VDC at 70A continuous duty switching power supply with front panel metering, requires 2 RU. Replaces basic configuration 20A switching power supply. Will power up to 2 channels. Note: This item cannot be used with the 250W Amplifier upgrade.	
OPTION KSGPWRB2: 13.8VDC, 70A POWER SUPPLY WITH SMARTCHARGER UPGRADE	\$1,489
Power supply upgrade to 13.8VDC at 70A continuous duty switching power supply with front panel metering, built-in SmartCharger, low-voltage disconnect and solid state no-break transfer diodes, requires 2 RU, includes sealed fuse holder and fuses for battery (battery not included). Replaces basic configuration 20A switching power supply. Will power up to 2 channels. Gel cell batteries are available; contact your Kenwood Systems Regional Sales Manager for details. Note: This item cannot be used with the 250W Amplifier upgrade.	

UHF

TKR-8500 Series Base Stations and Repeaters

400 - 430 MHz and 450 - 512 MHz

LIST

STEP 4 -- MOUNTING CONFIGURATION:

OPTION KSGMRCK3: 17 RU (3') ALUMINUM EQUIPMENT RACK	\$1,119
Standard 3' aluminum equipment rack providing 17 RU vertical mounting. Pricing includes equipment installation, hardware, cabling and wire management materials, and cushioned shipping crate.	
OPTION KSGMRCK7: 45 RU (7') ALUMINUM EQUIPMENT RACK	\$1,207
Standard 7' aluminum equipment rack providing 45 RU vertical mounting. Pricing includes equipment installation, hardware, cabling and wire management materials, and cushioned shipping crate.	
OPTION KSGMCAB2: 20 RU (42") LOCKING CABINET	\$2,050
Locking cabinet, 42"H x 22"W x 24"D, providing 20 RU vertical mounting, solid front door, louvered rear door, perforated top panel. Pricing includes equipment installation, hardware, cabling and wire management materials, and cushioned shipping crate.	
OPTION KSGMCAB4: 40 RU (77") LOCKING CABINET	\$2,783
Locking cabinet, 77"H x 22"W x 24"D, providing 40 RU vertical mounting, solid front door, louvered rear door, perforated top panel. Pricing includes equipment installation, hardware, cabling and wire management materials, and cushioned shipping crate.	
OPTION KSGMCABT: CABINET SOLID TOP UPGRADE	\$59
Cabinet upgrade to solid top panel; replaces standard perforated top panel.	
OPTION KSGMCABF: CABINET FAN TOP UPGRADE	\$433
Cabinet upgrade to solid top panel with 10" diameter 120VAC fan, replaces standard perforated top panel. Can be mounted above panel or below; requires 2 RU clearance inside cabinet if mounted below panel.	
OPTION KSGMCABB: CABINET INTERIOR SOLID BOTTOM UPGRADE	\$89
Cabinet upgrade to add solid interior bottom panel inside cabinet, with 5 cable access openings (includes grommets and plugs).	

STEP 5 -- OPTIONAL EQUIPMENT CONFIGURATIONS:

WIRELINE REMOTE CONTROL OPTIONS:

OPTION KSGTN01A: 1 CHANNEL TONE TERMINATION PANEL	\$675
1 channel tone termination panel, 2 or 4 wire, 600 Ohm balanced audio with monitor, occupies 1 RU.	
OPTION KSGTN02A: 2 CHANNEL TONE TERMINATION PANEL	\$745
2 channel tone termination panel, 2 or 4 wire, 600 Ohm balanced audio with monitor, occupies 1 RU.	
OPTION KSGTN10A: 10 CHANNEL DISCRETE TONE TERMINATION PANEL	\$1,254
10 channel tone termination panel, 2 or 4 wire, 600 Ohm balanced audio with monitor, occupies 1 RU.	
OPTION KSGTN16A: 16 CHANNEL BCD TONE TERMINATION PANEL	\$951
16 channel tone termination panel, 2 or 4 wire, 600 Ohm balanced audio with monitor, occupies 1 RU.	
OPTION KSGTDC1A: 1 CHANNEL DC TERMINATION PANEL	\$393
1 channel DC termination panel, 2 or 4 wire, 600 Ohm balanced audio with monitor, occupies 1 RU. Specify DC currents and functions at time of order.	
OPTION KSGTALD1: 600 Ohm BALANCED AUDIO LINE DRIVER	\$353
Add 1 channel receive audio line driver panel, 2 wire 600 Ohm balanced output. Occupies 1 RU.	

UHF

TKR-8500 Series Base Stations and Repeaters

400 - 430 MHz and 450 - 512 MHz

LIST

EXTERNAL TRUNKING CONTROLLER OPTIONS:

OPTION KSGC040L: LTR DISPATCH TRUNKING CONTROLLER	\$1,585
Raider LTR dispatch-only trunking controller. Includes setup, tuning and interface cable.	
OPTION KSGC050L: LTR DISPATCH & INTERCONNECT TRUNKING CONTROLLER	\$2,978
Marauder LTR dispatch and interconnect trunking controller. Includes setup, tuning and interface cable.	
OPTION KSGC452L: LTR DISPATCH TRUNKING CONTROLLER	\$1,856
Model 452 LTR dispatch-only trunking controller. Includes setup, tuning and interface cable.	
OPTION KSGC459L: LTR DISPATCH & INTERCONNECT TRUNKING CONTROLLER	\$3,577
Model 459 LTR dispatch and Interconnect trunking controller. Includes setup, tuning and interface cable.	
OPTION KSGC807M: BASIC MPT-1327 TRUNKING CONTROLLER	\$7,385
Model 807 MPT trunking controller. Includes setup, tuning and interface cable.	
OPTION KSGC827M: BASIC MPT-1327 INTERCONNECT CONTROLLER	\$6,422
Model 827 MPT trunking controller. Includes setup, tuning and interface cable.	
OPTION KSGC844M: BASIC MPT-1327 MULTI-SITE CONTROLLER	\$10,012
Model 844 MPT multi-site controller. Includes setup, tuning and interface cable.	
OPTION KSGC427M: BASIC MPT-1327 PERIPHERAL EQUIPMENT INTERFACE	\$10,012
Model 427 MPT peripheral equipment with MAP-27 interface. Includes setup, tuning and interface cable.	

MISC STATION OPTIONS:

OPTION KSGD3P1B: 6 CAVITY BpBr DUPLEXER, 3MHz MINIMUM SPACING, 125W	\$3,244
6 cavity BpBr duplexer, 125W continuous duty, minimum TX-RX spacing 3MHz. Includes RF cables.	
OPTION KSGOMOD1: BASIC SITE MANAGEMENT MODEM	\$314
Generic site management modem, 2400 bps, for use with LTR controllers, includes interface cable.	
OPTION KSGOMOD2: HIGH PERFORMANCE SITE MANAGEMENT MODEM	\$887
High performance site management modem designed for extra stability in high RF environments, 2400 bps, for use with LTR controllers, includes interface cable.	
OPTION KSGVOT1A: SIGNAL-TO-NOISE VOTER	\$7,487
19" rack mount modular receiver voting comparator. Includes 1 station voter module for primary site; an additional station module is required for each additional voted receiver site.	
OPTION KSGVOT2A: ADDITIONAL STATION MODULE	\$1,263
Additional station voter module for signal-to-noise voting comparator. Occupies one card slot in KSGVOT1A chassis.	
OPTION KSGOPTG1: PILOT TONE GENERATOR AND LINE DRIVER	\$641
Internal pilot tone generator for use with voting systems, supplies 600Ohm balanced two wire audio, installs in one station option bay.	

Note: Pre-Selectors, Multi-Couplers, and Combiners are available by special order.
Please contact your Kenwood Systems Regional Sales Manager for more information.

800 - 900 MHz

TKR-9300 and TKR-9301 Series Repeaters

GENERAL:

The TKR-9300 800 MHz Repeaters and the TKR-9301 900 MHz Repeaters are integrated systems using TKR-900 and TKR-901 transceivers with external repeater controllers and RF amplifiers. The TKR-900/901 transceiver occupies 2 RU, has an RF output level of 250mW and is intended to be used as a driver for an external power amplifier. An external conventional or trunking controller is required to establish repeater operation. Internal high stability TCXOs and OCXOs eliminate the need for external reference oscillators.

OPTIONS:

Conventional station options include external controllers, wire line remote control and external RF amplifiers. Trunking system options include external LTR controllers; PassPort systems are available by individual quotation. High performance 4-cavity BpBr duplexers are listed as options; multichannel combining systems are quoted on an individual system basis. Power supply options include battery backup with integrated SmartCharger and Low Voltage Disconnect for the 40W and 80W configurations.

Cabinet options are 20 RU (42") and 40 RU (77") locking cabinets; 17 RU (3') or 45 RU (7') open equipment racks are also available. The basic TKR-900/901 transceiver is supplied as a component only (no power supply); 40W and 130W amplifier upgrades include a 20A power supply (the 130W amplifier's power supply is internal); 80W amplifier upgrades include a 40A switching power supply occupying 2 RU. Custom configurations are also available; contact your Kenwood Systems Regional Sales Manager for more details.

ORDERING INSTRUCTIONS:

Step 1: Determine the frequency sub-band:

800 MHz SMR channels = 806-821 / 851-866 MHz Order **TKR9300SK1** basic transceiver

800 MHz NPSPAC channels = 821-824 / 866-869 MHz Order **TKR9300SK2** basic transceiver

900 MHz SMR channels = 896-901 / 935-940 MHz Order **TKR9301SK1** basic transceiver

Step 2: Select an RF amplifier option.

Step 3: Select a Power Supply option.

Step 4: Select the desired mounting configuration.

Step 5: Select optional equipment or configuration changes. (**Note:** External Controller is required.)

Step 6: Add the basic configuration (Step 1) to the desired RF amplifier, power supply, mounting configuration and optional equipment (Steps 2-5) to determine configuration pricing. Specify frequencies (or FCC channel numbers) and tone assignments with order.

800 - 900 MHz

TKR-9300 and TKR-9301 Series Repeaters

LIST

STEP 1 -- TKR-9300 BASIC CONFIGURATION:

TKR9300SK1 800 MHz BASIC TRANSCEIVER 806-821 / 851-866 MHz	\$2,333
TKR9300SK2 800 MHz BASIC TRANSCEIVER 821-824 / 866-869 MHz (NPSPAC)	\$2,918
TKR9301SK1 900 MHz BASIC TRANSCEIVER 896-901 / 935-940 MHz	\$2,893

TKR-9300/9301 basic transceivers do not include power supply or station controller; ships unmounted.

STEP 2 -- RF AMPLIFIER OPTIONS:

OPTION KSGA404A: 40W CONTINUOUS DUTY 800MHz RF AMPLIFIER UPGRADE	\$2,888
Basic TKR900 transceiver upgrade to include external 40W continuous duty 800MHz RF amplifier. Amplifier occupies 4 RU and includes a 20A 13.8VDC power supply. Includes factory tuning, wiring and RF cables.	
OPTION KSGA404B: 40W CONTINUOUS DUTY 900MHz RF AMPLIFIER UPGRADE	\$2,888
Basic TKR901 transceiver upgrade to include external 40W continuous duty 900MHz RF amplifier. Amplifier occupies 4 RU and includes a 20A 13.8VDC power supply. Includes factory tuning, wiring and RF cables.	
OPTION KSGA408A: 80W CONTINUOUS DUTY 800MHz RF AMPLIFIER UPGRADE	\$3,425
Basic TKR900 transceiver upgrade to include external 80W continuous duty 800MHz RF amplifier. Amplifier occupies 4 RU and includes a 40A 13.8VDC power supply. Includes factory tuning, wiring and RF cables.	
OPTION KSGA408B: 80W CONTINUOUS DUTY 900MHz RF AMPLIFIER UPGRADE	\$3,425
Basic TKR901 transceiver upgrade to include external 80W continuous duty 900MHz RF amplifier. Amplifier occupies 4 RU and includes a 40A 13.8VDC power supply. Includes factory tuning, wiring and RF cables.	
OPTION KSGA413A: 130W CONTINUOUS DUTY 800MHz RF AMPLIFIER UPGRADE	\$8,047
Basic TKR900 transceiver upgrade to include external 130W continuous duty 800MHz RF amplifier. Amplifier occupies 5 RU and is powered by 120 / 240 VAC power. Includes 20A power supply for TKR900 and Controller, factory tuning, wiring and RF cables. Note: This configuration cannot be used with the KSGPWR72 or KSGPWRB2 battery backup power supply options.	
OPTION KSGA413B: 130W CONTINUOUS DUTY 900MHz RF AMPLIFIER UPGRADE	\$8,047
Basic TKR901 transceiver upgrade to include external 130W continuous duty 900MHz RF amplifier. Amplifier occupies 5 RU and is powered by 120 / 240 VAC power. Includes 20A power supply for TKR901 and Controller, factory tuning, wiring and RF cables. Note: This configuration cannot be used with the KSGPWR72 or KSGPWRB2 battery backup power supply options.	

STEP 3 -- POWER SUPPLY OPTIONS:

OPTION KSGPWRX2: DELETE POWER SUPPLY	-\$247
Delete switching power supply from basic station configuration. Note: Not applicable when upgrading amplifier or power supply.	
OPTION KSGPWR72: 13.8VDC, 70A POWER SUPPLY UPGRADE	\$1,107
Power supply upgrade to 13.8VDC at 70A continuous duty switching power supply with front panel metering, requires 2 RU. Replaces switching power supply from amplifier configuration. Note: This item cannot be used with the 130W Amplifier upgrade.	
OPTION KSGPWRB2: 13.8VDC, 70A POWER SUPPLY WITH SMARTCHARGER UPGRADE	\$1,489
Power supply upgrade to 13.8VDC at 70A continuous duty switching power supply with front panel metering, built-in SmartCharger, low-voltage disconnect and solid state no-break transfer diodes, requires 2 RU, includes sealed fuse holder and fuses for battery (battery not included). Replaces switching power supply from amplifier configuration. Will power up to 2 channels. Gel cell batteries are available; contact your Kenwood Systems Regional Sales Manager for details. Note: This item cannot be used with the 130W Amplifier upgrade.	

800 - 900 MHz TKR-9300 and TKR-9301 Series Repeaters

LIST

STEP 4 -- MOUNTING CONFIGURATION:

OPTION KSGMRCK3: 17 RU (3') ALUMINUM EQUIPMENT RACK	\$1,119
Standard 3' aluminum equipment rack providing 17 RU vertical mounting. Pricing includes equipment installation, hardware, cabling and wire management materials, and cushioned shipping crate.	
OPTION KSGMRCK7: 45 RU (7') ALUMINUM EQUIPMENT RACK	\$1,207
Standard 7' aluminum equipment rack providing 45 RU vertical mounting. Pricing includes equipment installation, hardware, cabling and wire management materials, and cushioned shipping crate.	
OPTION KSGMCAB2: 20 RU (42") LOCKING CABINET	\$2,050
Locking cabinet, 42"H x 22"W x 24"D, providing 20 RU vertical mounting, solid front door, louvered rear door, perforated top panel. Pricing includes equipment installation, hardware, cabling and wire management materials, and cushioned shipping crate.	
OPTION KSGMCAB4: 40 RU (77") LOCKING CABINET	\$2,783
Locking cabinet, 77"H x 22"W x 24"D, providing 40 RU vertical mounting, solid front door, louvered rear door, perforated top panel. Pricing includes equipment installation, hardware, cabling and wire management materials, and cushioned shipping crate.	
OPTION KSGMCABT: CABINET SOLID TOP UPGRADE	\$59
Cabinet upgrade to solid top panel; replaces standard perforated top panel.	
OPTION KSGMCABF: CABINET FAN TOP UPGRADE	\$433
Cabinet upgrade to solid top panel with 10" diameter 120VAC fan, replaces standard perforated top panel. Can be mounted above panel or below; requires 2 RU clearance inside cabinet if mounted below panel.	
OPTION KSGMCABB: CABINET INTERIOR SOLID BOTTOM UPGRADE	\$89
Cabinet upgrade to add solid interior bottom panel inside cabinet, with 5 cable access openings (includes grommets and plugs).	

STEP 5 -- OPTIONAL EQUIPMENT CONFIGURATIONS:

WIRELINE REMOTE CONTROL OPTIONS:

OPTION KSGTN01A: 1 CHANNEL TONE TERMINATION PANEL	\$675
1 channel tone termination panel, 2 or 4 wire, 600 Ohm balanced audio with monitor, occupies 1 RU.	
OPTION KSGTDC1A: 1 CHANNEL DC TERMINATION PANEL	\$393
1 channel DC termination panel, 2 or 4 wire, 600 Ohm balanced audio with monitor, occupies 1 RU. Specify DC currents and functions at time of order.	
OPTION KSGTALD1: 600 Ohm BALANCED AUDIO LINE DRIVER	\$353
Add 1 channel receive audio line driver panel, 2 wire 600 Ohm balanced output. occupies 1 RU.	

EXTERNAL CONTROLLER OPTIONS:

OPTION KSGC038L: CONVENTIONAL REPEATER CONTROLLER	\$1,237
Model 038 conventional repeater controller. Includes setup, tuning and interface cable.	
OPTION KSGC040L: LTR DISPATCH TRUNKING CONTROLLER	\$1,585
Raider LTR dispatch-only trunking controller. Includes setup, tuning and interface cable.	
OPTION KSGC050L: LTR DISPATCH & INTERCONNECT TRUNKING CONTROLLER	\$2,978
Marauder LTR dispatch and interconnect trunking controller. Includes setup, tuning and interface cable.	

800 - 900 MHz

TKR-9300 and TKR-9301 Series Repeaters

	LIST
OPTION KSGC452L: LTR DISPATCH TRUNKING CONTROLLER	\$1,856
Model 452 LTR dispatch-only trunking controller. Includes setup, tuning and interface cable.	
OPTION KSGC459L: LTR DISPATCH & INTERCONNECT TRUNKING CONTROLLER	\$3,577
Model 459 LTR dispatch and Interconnect trunking controller. Includes setup, tuning and interface cable.	
MISC STATION OPTIONS:	
OPTION KSGD4P1A: 4 CAVITY 800MHz BpBr DUPLEXER, 45MHz SPACING, 150W	\$2,463
4 cavity BpBr duplexer, 150W continuous duty, minimum TX-RX spacing 45MHz. Includes RF cables.	
OPTION KSGD4P1B: 4 CAVITY 900MHz BpBr DUPLEXER, 39MHz SPACING, 150W	\$2,463
4 cavity BpBr duplexer, 150W continuous duty, minimum TX-RX spacing 39MHz. Includes RF cables.	
OPTION KSGOMOD1: BASIC SITE MANAGEMENT MODEM	\$314
Generic site management modem, 2400 bps, for use with LTR controllers, includes interface cable.	
OPTION KSGOMOD2: HIGH PERFORMANCE SITE MANAGEMENT MODEM	\$887
High performance site management modem designed for extra stability in high RF environments, 2400 bps, for use with LTR controllers, includes interface cable.	
OPTION KSGVOT1A: SIGNAL-TO-NOISE VOTER	\$7,487
19" rack mount modular receiver voting comparator. Includes 1 station voter module for primary site; an additional station module is required for each additional voted receiver site.	
OPTION KSGVOT2A: ADDITIONAL STATION MODULE	\$1,263
Additional station voter module for signal-to-noise voting comparator. Occupies one card slot in KSGVOT1A chassis.	
OPTION KSGOPTG1: PILOT TONE GENERATOR AND LINE DRIVER	\$641
Internal pilot tone generator for use with voting systems, supplies 600Ohm balanced two wire audio, installs in one station option bay.	

TKR-751/851 and TKB-751/851

VHF and UHF Low Power Base Stations and Repeaters

GENERAL:

The TKR-751/851 and TKB-751/851 Low Power Base Stations and Repeaters offer the following features.

1-25 Watt UHF and VHF	4 Watt Front Panel Speaker Audio
Continuous Duty	BCD Remote Channel Selection (4 Lines up to 15 channels)
19" Rack Mount	Programmable AUX Input/Output Functions
Wide/Narrow Band	Built-In Cooling Fan
Battery Back-Up	Macro-Function AUX Inputs
Back-Up Battery Warning/Operating Tone	Selectable Toggle or Momentary on AUX Input Ports
Rear Accessory/Logic Controller Connector	DTMF Over-The-Air Remote Function and AUX Output Control
Rear Test Speaker - AUX Connector	DSP Processed QT/DQT
High Stability Oscillators (TCXO)	DSP Processed Companded Audio
Windows 98/2000/ME/XP Compatible PC Programming and Tuning	QT/DQT Squelch-Tail Elimination
2 Years Parts and Labor Warranty	Flash Memory

OPTIONS:

When used as a Base Station, the TKB-751/851 also offers the following features.

16 Channel	6 Lighted PF Keys
Simplex or Full Duplex Operation	Local Takeover/Remote PF Key
Built-In Antenna Switch for Simplex/Single Antenna Operation	Channel Up/Down PF Keys
Priority Scan	Volume Control Knob
Remote Control Inputs	Front Microphone Jack
7-Segment, 2-Character Channel and Scan LED Indicator	Front Panel Speaker
2 Character Alphanumeric Channel Designator	Voice Encryption Option Port
Power/Transmit/Busy LED Indicators	

When used as a Repeater, the TKR-751/851 also offers the following features.

Full Duplex Operation	Courtesy Tone
Built-In 16 QT/DQT Tone/Code Pair Community	Repeat Enable/Disable
Repeater Operation	CW Transmitter ID
External Controller Interface	Repeat Hold Timer (hang timer)
Conventional or Trunking Controller Compatible	Time Out Timer

TKR-751/851 and TKB-751/851

VHF and UHF Low Power Base Stations and Repeaters

LIST

BASE STATIONS

TKB8510PS BASIC CONFIGURATION, 450 - 480 MHz

\$1,650

TKB8510PS base station basic configuration includes 1-25W, 100% Duty repeater, internally mounted power supply, programming and tuning. Ships unmounted.

TKBR7510PS BASIC CONFIGURATION, 146 - 174 MHz

\$1,550

TKBR7510PS base station basic configuration includes 1-25W, 100% Duty repeater, internally mounted power supply, programming and tuning. Ships unmounted.

REPEATERS

TKR8510PS BASIC CONFIGURATION, 450 - 480 MHz

\$1,650

TKR8510PS repeater basic configuration includes 1-25W, 100% Duty repeater, internally mounted power supply, programming and tuning. Ships unmounted.

TKR8510PSD BASIC CONFIGURATION, 450 - 480 MHz WITH INTERNAL DUPLEXER

\$2,316

TKR8510PSD repeater basic configuration includes 1-25W, 100% Duty repeater, internally mounted power supply, internal duplexer, programming and tuning. Ships unmounted.

TKR7510PS BASIC CONFIGURATION, 146 - 174 MHz

\$1,550

TKR7510PS repeater basic configuration includes 1-25W, 100% Duty repeater, internally mounted power supply, programming and tuning. Ships unmounted.

BASE STATION AND REPEATER OPTIONS

OPTION KSGPWRX1: DELETE POWER SUPPLY

-\$50

Delete internally mounted power supply from basic station configuration.

OPTION KSGMT30001: DESKTOP ENCLOSURE

\$150

The desktop enclosure is 16" deep by 20.50" wide by 5" high. It has a high-quality black laminate finish and is easily assembled with included hardware and tools.

OPTION KSGMS9009C: DESKTOP MICROPHONE

\$83

OPTION KSGMS98556: SERVICE MANUAL

\$37

OPTION KSGMS90066: PROGRAMMING SOFTWARE

\$65

OPTION KSGCB90046: PROGRAMMING CABLE

N/A

Note: For complete cabinet and rack enclosure options, see full Systems Division Price Pages

Kenwood USA Corporation
Communications Sector
Systems Division Product Price Guide

Individual Component Items

LIST

Base Station Amplifiers (simplex, includes T-R switching relay)

Low Band

Part Number	Output Power	Freq. Range	Compatibility	
KSGPA11100	100	29.7-50.0	TKB-6900 (specify frequency)	\$1,994
KSGPA11300	300	29.7-50.0	TKB-6900 (specify frequency)	\$10,490

VHF High Band

Part Number	Output Power	Freq. Range	Compatibility	
KSGPA12400	40	136-174	TKR740/751 (specify frequency)	\$1,707
KSGPA12500	40	136-174	TKR750 (specify frequency)	\$1,707
KSGPA12410	110	136-174	TKR740/751 (specify frequency)	\$2,031
KSGPA12510	110	136-174	TKR750 (specify frequency)	\$2,031
KSGPA12420	250	136-174	TKR740/751 (specify frequency)	\$8,431
KSGPA12520	250	136-174	TKR750 (specify frequency)	\$8,431

UHF

Part Number	Output Power	Freq. Range	Compatibility	
KSGPA13400	40	406-512	TKR840/851 (specify frequency)	\$1,426
KSGPA13500	40	406-512	TKR850 (specify frequency)	\$1,426
KSGPA13410	100	406-512	TKR840/851 (specify frequency)	\$2,262
KSGPA13510	100	406-512	TKR850 (specify frequency)	\$2,262
KSGPA13420	250	406-512	TKR840/851 (specify frequency)	\$12,058
KSGPA13520	250	406-512	TKR850 (specify frequency)	\$12,058

Repeater Station Amplifiers

VHF High Band

Part Number	Output Power	Freq. Range	Compatibility	
KSGPA22401	50	136-144	TKR740/751 (specify frequency)	\$1,447
KSGPA22402	50	144-152	TKR740/751 (specify frequency)	\$1,447
KSGPA22403	50	152-162	TKR740/751 (specify frequency)	\$1,447
KSGPA22404	50	162-174	TKR740/751 (specify frequency)	\$1,447
KSGPA22501	50	136-144	TKR750 (specify frequency)	\$1,447
KSGPA22502	50	144-152	TKR750 (specify frequency)	\$1,447
KSGPA22503	50	152-162	TKR750 (specify frequency)	\$1,447
KSGPA22504	50	162-174	TKR750 (specify frequency)	\$1,447
KSGPA22411	110	136-144	TKR740/751 (specify frequency)	\$1,999

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Individual Component Items

LIST

Part Number	Output Power	Freq. Range	Compatibility	
KSGPA22412	110	144-152	TKR740/751 (specify frequency)	\$1,999
KSGPA22413	110	152-162	TKR740/751 (specify frequency)	\$1,999
KSGPA22414	110	162-174	TKR740/751 (specify frequency)	\$1,999
KSGPA22511	110	136-144	TKR750 (specify frequency)	\$1,999
KSGPA22512	110	144-152	TKR750 (specify frequency)	\$1,999
KSGPA22513	110	152-162	TKR750 (specify frequency)	\$1,999
KSGPA22514	110	162-174	TKR750 (specify frequency)	\$1,999
KSGPA12420	250	136-174	TKR740/751 (specify frequency)	\$7,791
KSGPA12520	250	136-174	TKR750 (specify frequency)	\$7,791

UHF

Part Number	Output Power	Freq. Range	Compatibility	
KSGPA23401	50	406-426	TKR851 (specify frequency)	\$1,389
KSGPA23402	50	426-450	TKR851 (specify frequency)	\$1,389
KSGPA23403	50	450-470	TKR840/851 (specify frequency)	\$1,389
KSGPA23404	50	470-490	TKR840/851 (specify frequency)	\$1,389
KSGPA23405	50	490-512	TKR840/851 (specify frequency)	\$1,389
KSGPA23501	50	406-426	TKR850 (specify frequency)	\$1,389
KSGPA23502	50	426-450	TKR850 (specify frequency)	\$1,389
KSGPA23503	50	450-470	TKR850 (specify frequency)	\$1,389
KSGPA23504	50	470-490	TKR850 (specify frequency)	\$1,389
KSGPA23505	50	490-512	TKR850 (specify frequency)	\$1,389
KSGPA23411	100	406-426	TKR851 (specify frequency)	\$1,926
KSGPA23412	100	426-450	TKR851 (specify frequency)	\$1,926
KSGPA23413	100	450-470	TKR840/851 (specify frequency)	\$1,926
KSGPA23414	100	470-490	TKR840/851 (specify frequency)	\$1,926
KSGPA23415	100	490-512	TKR840/851 (specify frequency)	\$1,926
KSGPA23511	100	406-426	TKR850 (specify frequency)	\$1,926
KSGPA23512	100	426-450	TKR850 (specify frequency)	\$1,926
KSGPA23513	100	450-470	TKR850 (specify frequency)	\$1,926
KSGPA23514	100	470-490	TKR850 (specify frequency)	\$1,926
KSGPA23515	100	490-512	TKR850 (specify frequency)	\$1,926
KSGPA13420	250	406-512	TKR840/851 (specify frequency)	\$11,400
KSGPA13520	250	406-512	TKR850 (specify frequency)	\$11,400

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Individual Component Items

LIST

800 MHz

Part Number	Output Power	Freq. Range	Compatibility	
KSGPA14041	40	851-869	TKR900	\$2,465
KSGPA14081	80	851-869	TKR900	\$2,901
KSGPA14131	130	851-869	TKR900	\$7,639

900 MHz

Part Number	Output Power	Freq. Range	Compatibility	
KSGPA14042	40	935-940	TKR901	\$2,465
KSGPA14082	80	935-940	TKR901	\$2,901
KSGPA14132	130	935-940	TKR901	\$7,639

Mounting Equipment

Part Number	Description	
KSGMT13000	3' High, 19" Wide Equipment Rack (Unassembled)	\$712
KSGMT17000	7' High, 19" Wide Equipment Rack (Unassembled)	\$495
KSGMT90001	Rack Standoffs (Kit of 20)	\$76
KSGMT22000	42" (20 U) Locking Cabinet - Standard Perforated Top Lid	\$1,636
KSGMT24000	77" (40 U) Locking Cabinet - Standard Perforated Top Lid	\$2,164
KSGMT20001	Cabinet Solid Top	\$59
KSGMT20002	Cabinet Fan Top	\$433
KSGMT20003	Cabinet Solid Bottom	\$89

Power Supplies

Part Number	Description	
KSGMT20200	20A, 13.8VDC Internally mounted power supply for 750/751/850/851	\$247
KSGMT20201	20A, 13.8VDC 19" wide rack mounted power supply for all other models	\$375
KSGPS20400	40A, 13.8VDC 19" wide rack mounted power supply	\$473
KSGPS20402	40A, 13.8VDC 19" wide rack mounted power supply with Smartcharger	\$1,355
KSGPS20701	70A, 13.8VDC 19" wide rack mounted power supply	\$1,355
KSGPS20702	70A, 13.8VDC 19" wide rack mounted power supply with Smartcharger	\$1,736

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Individual Component Items

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Remote Controls

Part Number	Description	
KSGTN01C	1 Channel Tone Termination Panel with Case	\$607
KSGTN02C	2 Channel Tone Termination Panel with Case	\$677
KSGTN10C	10 Channel Discrete Tone Termination Panel with Case	\$1,213
KSGTN16C	16 Channel BCD Tone Termination Panel with Case	\$910
KSGTDC2C	2 Channel DC Termination Panel with Case	\$326
KSGTALDC	1 Channel 600 Ohm Balanced Audio Line Driver	\$285
KSGMTTR001	19" Rack Mounted 1RU Termination Panel Mounting Tray	\$41

External Controllers

Part Number	Description	
KSGCT11040	Raider LTR Dispatch Trunking Controller	\$1,539
KSGCT11050	Marauder LTR Dispatch and Interconnect Trunking Controller	\$2,932
KSGCT20038	Model 038 LTR Repeater Conventional Controller	\$1,197
KSGCT20452	Model 452 LTR Dispatch Trunking Controller	\$1,832
KSGCT20459	Model 459 LTR Dispatch and Interconnect Trunking Controller	\$3,554
KSGCT20827	Model 827 basic MPT-1327 Trunking Controller	\$6,326
KSGCT20844	Model 844 basic MPT-1327 Multi-Site Controller	\$9,917
KSGCT20427	Model 427 basic MPT-1327 Peripheral Equipment Interface	\$9,917

Duplexers

Part Number	Description	
KSGDX21556	VHF High Band 6-Cavity BpBr Duplexer, 400KHz Minimum Spacing, 150W	\$3,153
KSGDX34546	UHF 6-Cavity BpBr Duplexer, 3MHz Minimum Spacing, 150W	\$3,153
KSGDX48644	800MHz 4-Cavity BpBr Duplexer, 45MHz Spacing, 150W	\$2,372
KSGDX49644	900MHz 4-Cavity BpBr Duplexer, 39MHz Spacing, 150W	\$2,372

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Individual Component Items

LIST

Modems

Part Number	Description	
KSGMD10001	Basic Site Management Modem	\$250
KSGMD10002	High Performance Site Management Modem	\$823

Repeaters

Part Number	Description	
TKR751	VHF Repeater (includes factory tuning)	\$1,500
TKR851	UHF Repeater (includes factory tuning)	\$1,600

Other

Part Number	Description	
KSGVOT1A	Voting Pilot Tone Generator and Line Driver	\$7,487
KSGVOT2A	Voting Pilot Tone Generator and Line Driver	\$1,263
KSGOPTG1	Voting Pilot Tone Generator and Line Driver	\$641
KSGMS10040	External Antenna Relay for 740/840 repeater	\$383
KSGMS10050	External Antenna Relay for 750/751/850/851 repeater (Formerly KSG9010050)	\$340
KSGMS100R1	19" 1RU Blank Face Panel	\$15
KSGMS100R2	19" 2RU Blank Face Panel	\$26
KSGMS100R3	19" 3RU Blank Face Panel	\$38
KSGMS100P1	19" 1RU 6-Outlet Power Strip	\$91
KPG-43	Programming Interface Cable (TK-690)	\$0
KPG-46	Programming Interface Cable for 750/751/850/851 repeater	\$0

Note: Pre-Selectors, Multi-Couplers, and Combiners are available by special order.
Please contact your Kenwood Systems Regional Sales Manager for more information.

LOW BAND

TKB-6900 Series Conventional Simplex Base Stations 29.7 - 50.0 MHz

BASIC CONFIGURATION	Quantity	Unit Cost	Extended
TKB6900SK1: BASIC CONFIGURATION, 29.7 - 37.0 MHz			
TKB6900SK2: BASIC CONFIGURATION, 35.0 - 43.0 MHz			
TKB6900SK3: BASIC CONFIGURATION, 40.0 - 50.0 MHz			
AMPLIFIER OPTIONS	Quantity	Unit Cost	Extended
KSGA110B: 100W CONTINUOUS DUTY RF AMPLIFIER UPGRADE			
KSGA130B: 300W CONTINUOUS DUTY RF AMPLIFIER UPGRADE			
POWER SUPPLY OPTIONS	Quantity	Unit Cost	Extended
KSGPWRX4: DELETE POWER SUPPLY			
KSGPWR74: 13.8 VDC, 70 A POWER SUPPLY, UPGRADE			
KSGPWRB4: 13.8 VDC, 70 A POWER SUPPLY WITH SMARTCHARGER UPGRADE			
MOUNTING CONFIGURATIONS	Quantity	Unit Cost	Extended
KSGMRCK3: 17 RU (3') ALUMINUM EQUIPMENT RACK			
KSGMRCK7: 45 RU (7') ALUMINUM EQUIPMENT RACK			
KSGMCAB2: 20 RU (42") LOCKING CABINET			
KSGMCAB4: 40 RU (77") LOCKING CABINET			
KSGMCABT: CABINET SOLID TOP UPGRADE			
KSGMCABF: CABINET FAN TOP UPGRADE			
KSGMCABB: CABINET INTERIOR SOLID BOTTOM UPGRADE			
REMOTE CONTROLS	Quantity	Unit Cost	Extended
KSGTN02B: 2 CHANNEL TONE TERMINATION PANEL UPGRADE			
KSGTN10B: 10 CHANNEL TONE DISCRETE TERMINATION PANEL UPGRADE			
KSGTN16B: 16 CHANNEL TONE BCD TERMINATION PANEL UPGRADE			
KSGTDC1B: 1 CHANNEL DC TERMINATION PANEL OPTION			
KSGTALD2: 600 Ohm BALANCED AUDIO LINE DRIVER			
MISC STATION OPTIONS	Quantity	Unit Cost	Extended
KSGVOT1A: SIGNAL-TO-NOISE VOTER			
KSGVOT2A: ADDITIONAL STATION MODULE			
KSGOPTG1: PILOT TONE GENERATOR AND LINE DRIVER			
KSGOCWID: MORSE CODE IDENTIFIER			

Extended Total _____

VHF High Band

TKR-7400 Series High Performance Base Stations and Repeaters 136 - 174 MHz

BASIC CONFIGURATION	Quantity	Unit Cost	Extended
TKR7400SK1: BASIC CONFIGURATION, 146 - 162 MHz			
TKR7400SK2: BASIC CONFIGURATION, 158 - 174 MHz			
TKR7400SK3: BASIC CONFIGURATION, 136 - 150 MHz			
AMPLIFIER OPTIONS	Quantity	Unit Cost	Extended
KSGA204S: 40W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR REPEATER STATION			
KSGA204C: 40W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR BASE STATION			
KSGA211S: 110W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR REPEATER STATION			
KSGA211C: 110W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR BASE STATION			
KSGA225R: 250W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR REPEATER STATION			
KSGA225B: 250W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR BASE STATION			
POWER SUPPLY OPTIONS	Quantity	Unit Cost	Extended
KSGPWRX2: DELETE POWER SUPPLY			
KSGPWR72: 13.8 VDC, 70 A POWER SUPPLY, UPGRADE			
KSGPWRB2: 13.8 VDC, 70 A POWER SUPPLY WITH SMARTCHARGER UPGRADE			
MOUNTING CONFIGURATIONS	Quantity	Unit Cost	Extended
KSGMRCK3: 17 RU (3') ALUMINUM EQUIPMENT RACK			
KSGMRCK7: 45 RU (7') ALUMINUM EQUIPMENT RACK			
KSGMCAB2: 20 RU (42") LOCKING CABINET			
KSGMCAB4: 40 RU (77") LOCKING CABINET			
KSGMCABT: CABINET SOLID TOP UPGRADE			
KSGMCABF: CABINET FAN TOP UPGRADE			
KSGMCABB: CABINET INTERIOR SOLID BOTTOM UPGRADE			
REMOTE CONTROLS	Quantity	Unit Cost	Extended
KSGTN01A: 1 CHANNEL TONE TERMINATION PANEL			
KSGTN02A: 2 CHANNEL TONE TERMINATION PANEL			
KSGTN10A: 10 CHANNEL DISCRETE TONE TERMINATION PANEL			
KSGTN16A: 16 CHANNEL BCD TONE TERMINATION PANEL			
KSGTDC2A: 2 CHANNEL DC TERMINATION PANEL			
KSGTALD1: 600 Ohm BALANCED AUDIO LINE DRIVER			
TRUNKING CONTROLLER OPTIONS	Quantity	Unit Cost	Extended
KSGC040L: LTR DISPATCH TRUNKING CONTROLLER			
KSGC050L: LTR DISPATCH & INTERCONNECT TRUNKING CONTROLLER			
KSGC452L: LTR DISPATCH TRUNKING CONTROLLER			
KSGC459L: LTR DISPATCH & INTERCONNECT TRUNKING CONTROLLER			
KSGC807M: BASIC MPT-1327 TRUNKING CONTROLLER			
KSGC827M: BASIC MPT-1327 TRUNKING CONTROLLER			
KSGC844M: BASIC MPT-1327 MULTI-SITE CONTROLLER			
KSGC427M: BASIC MPT-1327 PERIPHERAL EQUIPMENT INTERFACE			
MISC STATION OPTIONS	Quantity	Unit Cost	Extended
KSGD2P1B: 6 CAVITY BpBr DUPLEXER, 400KHz MINIMUM SPACING, 150W			
KSGOMOD1: BASIC SITE MANAGEMENT MODEM			
KSGOMOD2: HIGH PERFORMANCE SITE MANAGEMENT MODEM			
KSGVOT1A: SIGNAL-TO-NOISE VOTER			
KSGVOT2A: ADDITIONAL STATION MODULE			
KSGOPTG1: PILOT TONE GENERATOR AND LINE DRIVER			

Extended Total _____

VHF High Band
TKR-7500 Series Base Stations and Repeaters
136 - 174 MHz

BASIC CONFIGURATION	Quantity	Unit Cost	Extended
TKR7510SK1: BASIC CONFIGURATION, 146 - 174 MHz			
TKR7500SK2: BASIC CONFIGURATION, 136 - 146 MHz			
AMPLIFIER OPTIONS	Quantity	Unit Cost	Extended
KSGA204R: 40W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR REPEATER STATION			
KSGA204B: 40W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR BASE STATION			
KSGA211R: 110W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR REPEATER STATION			
KSGA211B: 110W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR BASE STATION			
KSGA225R: 250W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR REPEATER STATION			
KSGA225B: 250W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR BASE STATION			
POWER SUPPLY OPTIONS	Quantity	Unit Cost	Extended
KSGPWRX2: DELETE POWER SUPPLY			
KSGPWR72: 13.8 VDC, 70 A POWER SUPPLY, UPGRADE			
KSGPWRB2: 13.8 VDC, 70 A POWER SUPPLY WITH SMARTCHARGER UPGRADE			
MOUNTING CONFIGURATIONS	Quantity	Unit Cost	Extended
KSGMRCK3: 17 RU (3') ALUMINUM EQUIPMENT RACK			
KSGMRCK7: 45 RU (7') ALUMINUM EQUIPMENT RACK			
KSGMCAB2: 20 RU (42") LOCKING CABINET			
KSGMCAB4: 40 RU (77") LOCKING CABINET			
KSGMCABT: CABINET SOLID TOP UPGRADE			
KSGMCABF: CABINET FAN TOP UPGRADE			
KSGMCABB: CABINET INTERIOR SOLID BOTTOM UPGRADE			
REMOTE CONTROLS	Quantity	Unit Cost	Extended
KSGTN01A: 1 CHANNEL TONE TERMINATION PANEL			
KSGTN02A: 2 CHANNEL TONE TERMINATION PANEL			
KSGTN10A: 10 CHANNEL DISCRETE TONE TERMINATION PANEL			
KSGTN16A: 16 CHANNEL BCD TONE TERMINATION PANEL			
KSGTDC2A: 2 CHANNEL DC TERMINATION PANEL			
KSGTALD1: 600 Ohm BALANCED AUDIO LINE DRIVER			
TRUNKING CONTROLLER OPTIONS	Quantity	Unit Cost	Extended
KSGC040L: LTR DISPATCH TRUNKING CONTROLLER			
KSGC050L: LTR DISPATCH & INTERCONNECT TRUNKING CONTROLLER			
KSGC452L: LTR DISPATCH TRUNKING CONTROLLER			
KSGC459L: LTR DISPATCH & INTERCONNECT TRUNKING CONTROLLER			
KSGC807M: BASIC MPT-1327 TRUNKING CONTROLLER			
KSGC827M: BASIC MPT-1327 TRUNKING CONTROLLER			
KSGC844M: BASIC MPT-1327 MULTI-SITE CONTROLLER			
KSGC427M: BASIC MPT-1327 PERIPHERAL EQUIPMENT INTERFACE			
MISC STATION OPTIONS	Quantity	Unit Cost	Extended
KSGD2P1B: 6 CAVITY BpBr DUPLEXER, 400KHz MINIMUM SPACING, 150W			
KSGOMOD1: BASIC SITE MANAGEMENT MODEM			
KSGOMOD2: HIGH PERFORMANCE SITE MANAGEMENT MODEM			
KSGVOT1A: SIGNAL-TO-NOISE VOTER			
KSGVOT2A: ADDITIONAL STATION MODULE			
KSGOPTG1: PILOT TONE GENERATOR AND LINE DRIVER			

Extended Total _____

UHF

**TKR-8400 Series High Performance Base Stations and Repeaters
450-512 MHz**

BASIC CONFIGURATION	Quantity	Unit Cost	Extended
TKR8400SK1: BASIC CONFIGURATION, 450 - 480 MHz			
TKR8400SK2: BASIC CONFIGURATION, 480 - 512 MHz			
AMPLIFIER OPTIONS	Quantity	Unit Cost	Extended
KSGA304S: 40W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR REPEATER STATION			
KSGA304C: 40W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR BASE STATION			
KSGA310S: 100W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR REPEATER STATION			
KSGA310C: 100W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR BASE STATION			
KSGA325R: 250W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR REPEATER STATION			
KSGA325B: 250W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR BASE STATION			
POWER SUPPLY OPTIONS	Quantity	Unit Cost	Extended
KSGPWRX2: DELETE POWER SUPPLY			
KSGPWR72: 13.8 VDC, 70 A POWER SUPPLY, UPGRADE			
KSGPWRB2: 13.8 VDC, 70 A POWER SUPPLY WITH SMARTCHARGER UPGRADE			
MOUNTING CONFIGURATIONS	Quantity	Unit Cost	Extended
KSGMRCK3: 17 RU (3') ALUMINUM EQUIPMENT RACK			
KSGMRCK7: 45 RU (7') ALUMINUM EQUIPMENT RACK			
KSGMCAB2: 20 RU (42") LOCKING CABINET			
KSGMCAB4: 40 RU (77") LOCKING CABINET			
KSGMCABT: CABINET SOLID TOP UPGRADE			
KSGMCABF: CABINET FAN TOP UPGRADE			
KSGMCABB: CABINET INTERIOR SOLID BOTTOM UPGRADE			
REMOTE CONTROLS	Quantity	Unit Cost	Extended
KSGTN01A: 1 CHANNEL TONE TERMINATION PANEL			
KSGTN02A: 2 CHANNEL TONE TERMINATION PANEL			
KSGTN10A: 10 CHANNEL DISCRETE TONE TERMINATION PANEL			
KSGTN16A: 16 CHANNEL BCD TONE TERMINATION PANEL			
KSGTDC1A: 1 CHANNEL DC TERMINATION PANEL			
KSGTALD1: 600 Ohm BALANCED AUDIO LINE DRIVER			
TRUNKING CONTROLLER OPTIONS	Quantity	Unit Cost	Extended
KSGC040L: LTR DISPATCH TRUNKING CONTROLLER			
KSGC050L: LTR DISPATCH & INTERCONNECT TRUNKING CONTROLLER			
KSGC452L: LTR DISPATCH TRUNKING CONTROLLER			
KSGC459L: LTR DISPATCH & INTERCONNECT TRUNKING CONTROLLER			
KSGC807M: BASIC MPT-1327 TRUNKING CONTROLLER			
KSGC827M: BASIC MPT-1327 TRUNKING CONTROLLER			
KSGC844M: BASIC MPT-1327 MULTI-SITE CONTROLLER			
KSGC427M: BASIC MPT-1327 PERIPHERAL EQUIPMENT INTERFACE			
MISC STATION OPTIONS	Quantity	Unit Cost	Extended
KSGD3P1B: 6 CAVITY BpBr DUPLEXER, 3MHz MINIMUM SPACING, 125W			
KSGOMOD1: BASIC SITE MANAGEMENT MODEM			
KSGOMOD2: HIGH PERFORMANCE SITE MANAGEMENT MODEM			
KSGVOT1A: SIGNAL-TO-NOISE VOTER			
KSGVOT2A: ADDITIONAL STATION MODULE			
KSGOPTG1: PILOT TONE GENERATOR AND LINE DRIVER			

Extended Total _____

UHF

TKR-8500 Series Base Stations and Repeaters
400 - 430 MHz and 450 - 512 MHz

BASIC CONFIGURATION	Quantity	Unit Cost	Extended
TKR8510SK1: BASIC CONFIGURATION, 450 - 480 MHz			
TKR8500SK2: BASIC CONFIGURATION, 480 - 512 MHz			
TKR8500SK3: BASIC CONFIGURATION, 400 - 430 MHz			
AMPLIFIER OPTIONS	Quantity	Unit Cost	Extended
KSGA304R: 40W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR REPEATER STATION			
KSGA304B: 40W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR BASE STATION			
KSGA310R: 100W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR REPEATER STATION			
KSGA310B: 100W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR BASE STATION			
KSGA325R: 250W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR REPEATER STATION			
KSGA325B: 250W CONTINUOUS DUTY RF AMPLIFIER UPGRADE FOR BASE STATION			
POWER SUPPLY OPTIONS	Quantity	Unit Cost	Extended
KSGPWRX2: DELETE POWER SUPPLY			
KSGPWR72: 13.8 VDC, 70 A POWER SUPPLY, UPGRADE			
KSGPWRB2: 13.8 VDC, 70 A POWER SUPPLY WITH SMARTCHARGER UPGRADE			
MOUNTING CONFIGURATIONS	Quantity	Unit Cost	Extended
KSGMRCK3: 17 RU (3') ALUMINUM EQUIPMENT RACK			
KSGMRCK7: 45 RU (7") ALUMINUM EQUIPMENT RACK			
KSGMCAB2: 20 RU (42") LOCKING CABINET			
KSGMCAB4: 40 RU (77") LOCKING CABINET			
KSGMCABT: CABINET SOLID TOP UPGRADE			
KSGMCABF: CABINET FAN TOP UPGRADE			
KSGMCABB: CABINET INTERIOR SOLID BOTTOM UPGRADE			
REMOTE CONTROLS	Quantity	Unit Cost	Extended
KSGTN01A: 1 CHANNEL TONE TERMINATION PANEL			
KSGTN02A: 2 CHANNEL TONE TERMINATION PANEL			
KSGTN10A: 10 CHANNEL DISCRETE TONE TERMINATION PANEL			
KSGTN16A: 16 CHANNEL BCD TONE TERMINATION PANEL			
KSGTDC1A: 1 CHANNEL DC TERMINATION PANEL			
KSGTALD1: 600 Ohm BALANCED AUDIO LINE DRIVER			
TRUNKING CONTROLLER OPTIONS	Quantity	Unit Cost	Extended
KSGC040L: LTR DISPATCH TRUNKING CONTROLLER			
KSGC050L: LTR DISPATCH & INTERCONNECT TRUNKING CONTROLLER			
KSGC452L: LTR DISPATCH TRUNKING CONTROLLER			
KSGC459L: LTR DISPATCH & INTERCONNECT TRUNKING CONTROLLER			
KSGC807M: BASIC MPT-1327 TRUNKING CONTROLLER			
KSGC827M: BASIC MPT-1327 INTERCONNECT CONTROLLER			
KSGC844M: BASIC MPT-1327 MULTI-SITE CONTROLLER			
KSGC427M: BASIC MPT-1327 PERIPHERAL EQUIPMENT INTERFACE			
MISC STATION OPTIONS	Quantity	Unit Cost	Extended
KSGD3P1B: 6 CAVITY BpBr DUPLEXER, 3MHz MINIMUM SPACING, 125W			
KSGOMOD1: BASIC SITE MANAGEMENT MODEM			
KSGOMOD2: HIGH PERFORMANCE SITE MANAGEMENT MODEM			
KSGVOT1A: SIGNAL-TO-NOISE VOTER			
KSGVOT2A: ADDITIONAL STATION MODULE			
KSGOPTG1: PILOT TONE GENERATOR AND LINE DRIVER			

Extended Total _____

800 - 900 MHz

TKR-9300 and TKR-9301 Series Repeaters

BASIC CONFIGURATION	Quantity	Unit Cost	Extended
TKR9300SK1 800 MHz BASIC TRANSCEIVER 806-821 / 851-866 MHz			
TKR9300SK2 800 MHz BASIC TRANSCEIVER 821-824 / 866-869 MHz (NPSPAC)			
TKR9301SK1 900 MHz BASIC TRANSCEIVER 896-901 / 935-940 MHz			
AMPLIFIER OPTIONS	Quantity	Unit Cost	Extended
KSGA404A: 40W CONTINUOUS DUTY 800MHz RF AMPLIFIER UPGRADE			
KSGA404B: 40W CONTINUOUS DUTY 900MHz RF AMPLIFIER UPGRADE			
KSGA408A: 80W CONTINUOUS DUTY 800MHz RF AMPLIFIER UPGRADE			
KSGA408B: 80W CONTINUOUS DUTY 900MHz RF AMPLIFIER UPGRADE			
KSGA413A: 130W CONTINUOUS DUTY 800MHz RF AMPLIFIER UPGRADE			
KSGA413B: 130W CONTINUOUS DUTY 900MHz RF AMPLIFIER UPGRADE			
POWER SUPPLY OPTIONS	Quantity	Unit Cost	Extended
KSGPWRX2: DELETE POWER SUPPLY			
KSGPWR72: 13.8 VDC, 70 A POWER SUPPLY, UPGRADE			
KSGPWRB2: 13.8 VDC, 70 A POWER SUPPLY WITH SMARTCHARGER UPGRADE			
MOUNTING CONFIGURATIONS	Quantity	Unit Cost	Extended
KSGMRCK3: 17 RU (3') ALUMINUM EQUIPMENT RACK			
KSGMRCK7: 45 RU (7') ALUMINUM EQUIPMENT RACK			
KSGMCAB2: 20 RU (42") LOCKING CABINET			
KSGMCAB4: 40 RU (77") LOCKING CABINET			
KSGMCABT: CABINET SOLID TOP UPGRADE			
KSGMCABF: CABINET FAN TOP UPGRADE			
KSGMCABB: CABINET INTERIOR SOLID BOTTOM UPGRADE			
REMOTE CONTROLS	Quantity	Unit Cost	Extended
KSGTN01A: 1 CHANNEL TONE TERMINATION PANEL			
KSGTDC2A: 1 CHANNEL DC TERMINATION PANEL			
KSGTALD1: 600 Ohm BALANCED AUDIO LINE DRIVER			
EXTERNAL CONTROLLER OPTIONS	Quantity	Unit Cost	Extended
KSGC038L: REPEATER PANEL CONTROLLER			
KSGC040L: LTR DISPATCH TRUNKING CONTROLLER			
KSGC050L: LTR DISPATCH & INTERCONNECT TRUNKING CONTROLLER			
KSGC452L: LTR DISPATCH TRUNKING CONTROLLER			
KSGC459L: LTR DISPATCH & INTERCONNECT TRUNKING CONTROLLER			
MISC STATION OPTIONS	Quantity	Unit Cost	Extended
KSGD4P1A: 4 CAVITY 800MHz BpBr DUPLEXER, 45MHz SPACING, 150W			
KSGD4P1B: 4 CAVITY 900MHz BpBr DUPLEXER, 39MHz SPACING, 150W			
KSGOMOD1: BASIC SITE MANAGEMENT MODEM			
KSGOMOD2: HIGH PERFORMANCE SITE MANAGEMENT MODEM			
KSGVOT1A: SIGNAL-TO-NOISE VOTER			
KSGVOT2A: ADDITIONAL STATION MODULE			
KSGOPTG1: PILOT TONE GENERATOR AND LINE DRIVER			

Extended Total _____

Land-Mobile Price List

NOT A DIRECT REPLACEMENT FOR TKR-720/820

TKR-750/850 UHF/VHF Base Station / Repeaters

Model	Description	List
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Important Note: For TKR-750/850 "simplex base station" use, also purchase an antenna relay KSG-9010050

VHF		
<i>Includes: DC Power Cable, rack handles and hardware, adjustable mounting plate for DC power supply (DC power supply sold separately)</i>		
TKR-750K	VHF 146-174 MHz 25-50W, Base-Repeater	\$1,483.00
TKR-750K2	VHF 136-150 MHz 25-50W, Base-Repeater	\$1,483.00
KSG-9010050	Antenna Relay (See Note Above)	\$340.14
UHF		
<i>Includes: DC Power Cable, rack handles and hardware, adjustable mounting plate for DC power supply (DC power supply sold separately)</i>		
TKR-850K	UHF 450-480 MHz 25-40W, Base-Repeater	1,583.00
TKR-850K2	UHF 480-512 MHz 25-40W, Base-Repeater	1,583.00
TKR-850K3	UHF 400-430 MHz 25-40W, Base-Repeater	1,583.00
KSG-9010050	Antenna Relay (See Note Above)	\$340.14

Important -PassPort NTS Network Applications

The TKR-850 and systems built with this repeater are NOT compatible with PassPort NTS use.

TKR-750/850 FEATURES:



GENERAL FEATURES:

- TKR-750 VHF 25-50 Watts adjustable
- TKR-850 UHF 25-40 Watts adjustable
- 19" Rack Mount Design
- Continuous Transmit Duty (100% @ 25W / 50% @ 50/40W)
- Wide/Narrow Channel Spacing Per Channel (UHF: 25/12.5 kHz; VHF: 25, 20/ 15, 12.5)
- Primary DC Input Connector (AC-to-DC power supply optional)
- Auto-Switched Back-up DC Input Connector
- Rear External Speaker Output (4 W Audio)
- Rear Accessory / Logic Controller Connector (25 Pin)
- Rear Test-Speaker-AUX Connector (15 Pin)
- Built-in Cooling Fan (temperature or carrier controlled)
- Programmable AUX Input /Output Functions
- Macro-Function AUX Inputs
- DSP Processed QT/DQT
- DSP Processed Companded Audio (simplex base operation)
- QT/DQT Squelch-Tail Elimination
- Electronic Serial Number (ESN)
- Embedded Message with Password Protection
- High Stability Oscillators (TCXO)
- Windows 95/98 compatible PC programming & tuning
- Flash Memory
- 2 Years Parts and Labor Warranty

REPEATER FEATURES:

- Full-Duplex Operation
- Built-in 16 QT/DQT Community Repeater Operation
- External Controller Interface
- Conventional or Trunking Controller Compatible
- Repeat Enable / Disable
- CW Transmitter ID
- Repeat Hold Timer (hang timer)
- Time Out Timer

BASE STATION FEATURES:

- 16 Channel
- Simplex or Full Duplex Operation
- Priority Scan
- Remote Control Inputs
- 2-Digit LED Channel & Scan Indicator
- Power/Transmit/Busy LED Indicators
- 6 Lighted PF Keys
- Local Takeover / Remote PF Key
- Channel Up/Down PF Keys
- Volume Control Knob
- Front Microphone Jack
- Front Panel Speaker
- Voice Encryption Option Port

Model	Description	List
<u>MICROPHONES AND SPEAKERS</u>		
KMC-27A	Heavy-duty noise-canceling mobile hand microphone	\$99.00
KMC-27B	Heavy-duty mobile hand microphone	40.00
KMC-9C	Base Station Desktop microphone	82.00
KES-4	External Speaker	59.00
<u>POWER SUPPLY</u>		
KPS-15* (see notes below)	DC Switching Power Supply (117/230 VAC; 23A max. continuous, 25A peak) *Compatible with medium & high power compact mobiles only: 60/60G/60H/60HG/62/62G/60H/60HG/80-series mobiles; TKR-750/850, Use: 50% transmit duty cycle ONLY!!!	167.00

ORDERING NOTES:

1. AC-to- DC Power Supply (not included).
2. KPG-66D programming software should be ordered for first time purchases. The KPG-46 program cable is the same cable for the 60G/80-Series compact mobiles.

SERVICE RELATED ACCESSORIES

KPG-46	Programming interface cable	N/A
KPG-66D	Programming Software	N/A
*****	Call Kenwood Service Corporation Parts Dept. at 800-367-7514 to order the following; prices and availability are subject to change without notice per KSC Parts Dept. policy :	
E30-3427-15	DC Power Cable - same as supplied	19.81

Installation / Tuning Charges for the TKR-750/850 Repeaters

Model	Description	List
L-916	Tune TKR-750/850	30.00
L-923	RX center frequency adjustment for TKR-750/850 Note: This alignment is needed to get maximum performance of the receiver and to reduce the possibility of desense in the repeater.	25.00

Notes about duplexer selection for the TKR-750/850/740/840/830:

1. TX-RX frequency spacing greater than the minimums (below) require special consideration and design. Duplexers are designed for single channel applications only.
2. An investment in premium 6-cavity band-pass/band-reject duplexers is highly recommended as opposed to more economical lower performance 4-cavity duplexers which could result in de-sense problems. Miniature 4-cavity mobile duplexors are absolutely NOT recommended (despite the options space available in the TKR-750/850 housing) .

Examples:

TKR-850/840/830: 6-cavity band-pass/band-reject duplexer, Telewave model TPRD-4546, minimum TX-RX spacing 3 MHz

TKR-750/740: 6-cavity band-pass/band-reject duplexer, Telewave model TPRD-1556, minimum TX-RX spacing 400 kHz

3. It is recommended that Kenwood dealers purchase Telewave or other brand/model duplexers of equivalent specifications directly from the duplexer manufacturer/distributor for single unit/small volume needs for reasons of costs, support and warranty issues. Kenwood systems division uses and re-sells Telewave brand duplexers for a majority of system installations, however, Kenwood can only offer comparable OEM pricing and support on duplexers when sold as integrated components of a Kenwood system package.

*** KPS-15 and the TKR-750/TKR-850 Repeaters:**

Kenwood does not install KPS-15's into TKR-750/850 repeaters (dealer install only). Please note the combined shipping weight of a TKR-750/850 and a KPS-15 exceed the rated capacity of the TKR-750/850 factory cartons. The KPS-15 D.C. power supply is Kenwood approved for use on both the TKR-750 and TKR-850 repeater units (operating at rated 50% transmit duty-cycle). This does not apply to any other Kenwood repeater model. The KPS-15 may require a 1 minute warm up at -30 C (due to wet electrolytic capacitors).

Dealer Installation Guide:

Required hardware/accesories NOT supplied: foam weather stripping, cable clamps, spade lugs or written instructions.

1. Use the mounting shims and bracket supplied with the TKR-750/850 to mount the KPS-15 inside the TKR-750/850.
2. Mount the KPS-15 with the Power Switch facing out the rear of the TKR-750/850.
3. A.C. & D.C. cables should be secured inside the TKR-750/850 using two 3/8" wide x 3/8" diameter plastic cable clamps.
4. Terminate the D.C. cable with No. 8-10 stud spade lugs or similar.
5. Use a 12-inch long strip of 3/8" wide x 7/16" thick foam rubber weather stripping to partition the top incoming cool and bottom outgoing hot air. Place this stripping on the underside of the KPS-15 to seal against the TKR-750/850 as follows: 2 1/2-inch along the KPS-15 front edge (facing the TKR-750/850 rear): a 7-inch length behind the cooling fan on the KPS-15 bottom and a 2 1/2-inch length along the KPS-15 back edge (facing the TKR-750/850 front).

Systems Price List

Rack-Mounted 800/900 MHz Trunking Systems

TKR-9300S/9301S Systems include: TKR-900/901 Repeater(s), continuous-duty RF Amplifier(s), Controllers, and Power Supplies. Systems are completely assembled, tuned, tested, installed in 7' Racks and shipped in special heavy duty shock absorbing crates.

TKR-9300S (800 MHz)

TKR-9300S 800 MHz Trunking Systems include: Kenwood TKR-900 TX-RX Unit(s). The TKR-900 units operate on FCC channel assignments 001~600, RX: 806.0125 - 820.9875, TX: 851.0125 - 865.9875, +/- 5kHz Modulation, 0.00015% Freq. Stability.
FOR NPSPAC PRICING, PLEASE CONTACT KENWOOD SYSTEMS, INC.

Model	Description	List
800 MHz, 80W, DISPATCH TRUNKING SYSTEM		
9300S-1T80R7-SC	1-Channel 800 MHz, includes KSG1104000 controller and 7 ft rack	\$ 11,061.00
9300S-1T80R7-MC	1-Channel 800 MHz, includes KSG1104000 controller and 7 ft rack	\$ 12,273.00
9300S-1T80R7-MS	1-Channel 800 MHz, includes KSG1104000 controller and 7 ft rack	\$ 12,766.00
9300S-1Z80R7-SC	1-Channel 800 MHz, includes KSG1204210 controller and 7 ft rack	\$ 11,445.00
9300S-1Z80R7-MC	1-Channel 800 MHz, includes KSG1204210 controller and 7 ft rack	\$ 12,657.00
9300S-1Z80R7-MS	1-Channel 800 MHz, includes KSG1204210 controller and 7 ft rack	\$ 13,150.00
9300S-2T80R7-SC	2-Channel 800 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 20,350.00
9300S-2T80R7-MC	2-Channel 800 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 21,022.00
9300S-2T80R7-MS	2-Channel 800 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 21,515.00
9300S-2Z80R7-SC	2-Channel 800 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 21,116.00
9300S-2Z80R7-MC	2-Channel 800 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 21,788.00
9300S-2Z80R7-MS	2-Channel 800 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 22,282.00
9300S-3T80R7-SC	3-Channel 800 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 29,443.00
9300S-3T80R7-MC	3-Channel 800 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 31,327.00
9300S-3T80R7-MS	3-Channel 800 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 31,820.00
9300S-3Z80R7-SC	3-Channel 800 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 30,593.00
9300S-3Z80R7-MC	3-Channel 800 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 32,477.00
9300S-3Z80R7-MS	3-Channel 800 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 32,970.00
9300S-4T80R7-SC	4-Channel 800 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 38,698.00
9300S-4T80R7-MC	4-Channel 800 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 40,042.00
9300S-4T80R7-MS	4-Channel 800 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 40,535.00
9300S-4Z80R7-SC	4-Channel 800 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 40,231.00
9300S-4Z80R7-MC	4-Channel 800 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 41,575.00
9300S-4Z80R7-MS	4-Channel 800 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 42,069.00
9300S-5T80R7-SC	5-Channel 800 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 47,828.00
9300S-5T80R7-MC	5-Channel 800 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 50,384.00
9300S-5T80R7-MS	5-Channel 800 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 51,371.00
9300S-5Z80R7-SC	5-Channel 800 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 49,745.00
9300S-5Z80R7-MC	5-Channel 800 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 52,301.00
9300S-5Z80R7-MS	5-Channel 800 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 53,287.00

R7 = KSG-94001-70 7' Equipment Rack

SC = single channel 20A power supply (1 per channel) MC = multi channel 70A power supply (1 per 2 channels)

MC = multi channel 70A power supply (1 per 2 channels)

MS = multi channel 70A power supply with smart charger option (1 per 2 channels)

Rack-Mounted 800/900 MHz Trunking Systems

TKR-9300S/9301S Systems include: TKR-900/901 Repeater(s), continuous-duty RF Amplifier(s), Controllers, and Power Supplies. Systems are completely assembled, tuned, tested, installed in 7' Racks and shipped in special heavy duty shock absorbing crates.

TKR-9300S (800 MHz)

TKR-9300S 800 MHz Trunking Systems include: Kenwood TKR-900 TX-RX Unit(s). The TKR-900 units operate on FCC channel assignments 001~600, RX: 806.0125 - 820.9875, TX: 851.0125 - 865.9875, +/- 5kHz Modulation, 0.00015% Freq. Stability.
FOR NPSPAC PRICING, PLEASE CONTACT KENWOOD SYSTEMS, INC.

Model	Description	List
800 MHz, 130W, DISPATCH TRUNKING SYSTEM		
9300S-1T13R7-SC	1-Channel 800 MHz, includes KSG1104000 controller and 7 ft rack	\$ 17,187.00
9300S-1T13R7-MC	1-Channel 800 MHz, includes KSG1104000 controller and 7 ft rack	\$ 18,399.00
9300S-1T13R7-MS	1-Channel 800 MHz, includes KSG1104000 controller and 7 ft rack	\$ 18,896.00
9300S-1Z13R7-SC	1-Channel 800 MHz, includes KSG1204210 controller and 7 ft rack	\$ 17,571.00
9300S-1Z13R7-MC	1-Channel 800 MHz, includes KSG1204210 controller and 7 ft rack	\$ 18,782.00
9300S-1Z13R7-MS	1-Channel 800 MHz, includes KSG1204210 controller and 7 ft rack	\$ 19,279.00
9300S-2T13R7-SC	2-Channel 800 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 32,062.00
9300S-2T13R7-MC	2-Channel 800 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 33,273.00
9300S-2T13R7-MS	2-Channel 800 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 33,767.00
9300S-2Z13R7-SC	2-Channel 800 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 32,828.00
9300S-2Z13R7-MC	2-Channel 800 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 34,040.00
9300S-2Z13R7-MS	2-Channel 800 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 34,533.00
9300S-3T13R7-SC	3-Channel 800 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 46,797.00
9300S-3T13R7-MC	3-Channel 800 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 48,009.00
9300S-3T13R7-MS	3-Channel 800 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 48,503.00
9300S-3Z13R7-SC	3-Channel 800 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 47,947.00
9300S-3Z13R7-MC	3-Channel 800 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 49,159.00
9300S-3Z13R7-MS	3-Channel 800 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 49,653.00
9300S-4T13R7-SC	4-Channel 800 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 61,582.00
9300S-4T13R7-MC	4-Channel 800 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 62,794.00
9300S-4T13R7-MS	4-Channel 800 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 63,287.00
9300S-4Z13R7-SC	4-Channel 800 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 63,115.00
9300S-4Z13R7-MC	4-Channel 800 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 64,327.00
9300S-4Z13R7-MS	4-Channel 800 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 64,820.00
9300S-5T13R7-SC	5-Channel 800 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 76,298.00
9300S-5T13R7-MC	5-Channel 800 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 77,510.00
9300S-5T13R7-MS	5-Channel 800 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 78,003.00
9300S-5Z13R7-SC	5-Channel 800 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 78,215.00
9300S-5Z13R7-MC	5-Channel 800 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 79,427.00
9300S-5Z13R7-MS	5-Channel 800 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 79,920.00

R7 = KSG-94001-70 7' Equipment Rack

SC = single channel 20A power supply (1 per channel) MC = multi channel 70A power supply (1 per 2 channels)

MC = multi channel 70A power supply (1 per 2 channels)

MS = multi channel 70A power supply with smart charger option (1 per 2 channels)

Rack-Mounted 800/900 MHz Trunking Systems

TKR-9300S/9301S Systems include: TKR-900/901 Repeater(s), continuous-duty RF Amplifier(s), Controllers, and Power Supplies. Systems are completely assembled, tuned, tested, installed in 7' Racks and shipped in special heavy duty shock absorbing crates.

TKR-9301S (900 MHz)

TKR-9301S 900 MHz Trunking Systems include: Kenwood TKR-901 TX-RX Unit(s). The TKR-901 units operate on FCC channel assignments 001-399, RX: 896.0125 - 900.9875, TX: 935.0125 - 939.9875, 0.00001% Freq. Stability.

Model	Description	List
900 MHz, 130W, DISPATCH TRUNKING SYSTEM		
9301S-1T13R7-SC	1-Channel 900 MHz, includes KSG1104000 controller and 7 ft rack	\$ 17,871.00
9301S-1T13R7-MC	1-Channel 900 MHz, includes KSG1104000 controller and 7 ft rack	\$ 19,083.00
9301S-1T13R7-MS	1-Channel 900 MHz, includes KSG1104000 controller and 7 ft rack	\$ 19,576.00
9301S-1Z13R7-SC	1-Channel 900 MHz, includes KSG1204210 controller and 7 ft rack	\$ 18,254.00
9301S-1Z13R7-MC	1-Channel 900 MHz, includes KSG1204210 controller and 7 ft rack	\$ 19,466.00
9301S-1Z13R7-MS	1-Channel 900 MHz, includes KSG1204210 controller and 7 ft rack	\$ 19,959.00
9301S-2T13R7-SC	2-Channel 900 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 32,745.00
9301S-2T13R7-MC	2-Channel 900 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 33,957.00
9301S-2T13R7-MS	2-Channel 900 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 34,450.00
9301S-2Z13R7-SC	2-Channel 900 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 33,512.00
9301S-2Z13R7-MC	2-Channel 900 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 34,724.00
9301S-2Z13R7-MS	2-Channel 900 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 35,217.00
9301S-3T13R7-SC	3-Channel 900 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 47,481.00
9301S-3T13R7-MC	3-Channel 900 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 48,693.00
9301S-3T13R7-MS	3-Channel 900 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 49,186.00
9301S-3Z13R7-SC	3-Channel 900 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 48,631.00
9301S-3Z13R7-MC	3-Channel 900 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 49,843.00
9301S-3Z13R7-MS	3-Channel 900 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 50,336.00
9301S-4T13R7-SC	4-Channel 900 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 62,266.00
9301S-4T13R7-MC	4-Channel 900 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 63,477.00
9301S-4T13R7-MS	4-Channel 900 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 63,971.00
9301S-4Z13R7-SC	4-Channel 900 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 63,799.00
9301S-4Z13R7-MC	4-Channel 900 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 65,011.00
9301S-4Z13R7-MS	4-Channel 900 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 65,504.00
9301S-5T13R7-SC	5-Channel 900 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 76,982.00
9301S-5T13R7-MC	5-Channel 900 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 78,194.00
9301S-5T13R7-MS	5-Channel 900 MHz, includes KSG1104000 controllers and 7 ft rack	\$ 78,687.00
9301S-5Z13R7-SC	5-Channel 900 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 78,899.00
9301S-5Z13R7-MC	5-Channel 900 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 80,110.00
9301S-5Z13R7-MS	5-Channel 900 MHz, includes KSG1204210 controllers and 7 ft rack	\$ 80,604.00

R7 = KSG-94001-70 7' Equipment Rack

SC = single channel 20A power supply (1 per channel) MC = multi channel 70A power supply (1 per 2 channels)

MC = multi channel 70A power supply (1 per 2 channels)

MS = multi channel 70A power supply with smart charger option (1 per 2 channels)

Cabinet-Mounted Trunking Systems

TKR-9300S/9301S Systems include: TKR-900/901 Repeater(s), continuous-duty RF Amplifier(s), Controllers, and Power Supplies. Systems are completely assembled, tuned, tested, installed in locking cabinets and shipped in special heavy duty shock absorbing crates.

TKR-9300S (800 MHz)

TKR-9300S 800 MHz Trunking Systems include: Kenwood TKR-900 TX-RX Unit(s). The TKR-900 units operate on FCC channel assignments 001~600, RX: 806.0125 - 820.9875, TX: 851.0125 - 865.9875, +/- 5kHz Modulation, 0.00015% Freq. Stability.
FOR NPSPAC PRICING, PLEASE CONTACT KENWOOD SYSTEMS, INC.

Model	Description	List
800 MHz, 80W, DISPATCH TRUNKING SYSTEM		
9300S-1T80C2-SC	1-Channel 800 MHz, includes KSG1104000 controller and 42" cabinet	\$ 12,147.00
9300S-1T80C2-MC	1-Channel 800 MHz, includes KSG1104000 controller and 42" cabinet	\$ 13,359.00
9300S-1T80C2-MS	1-Channel 800 MHz, includes KSG1104000 controller and 42" cabinet	\$ 13,852.00
9300S-1Z80C2-SC	1-Channel 800 MHz, includes KSG1204210 controller and 42" cabinet	\$ 12,530.00
9300S-1Z80C2-MC	1-Channel 800 MHz, includes KSG1204210 controller and 42" cabinet	\$ 13,742.00
9300S-1Z80C2-MS	1-Channel 800 MHz, includes KSG1204210 controller and 42" cabinet	\$ 14,235.00
9300S-2T80C2-SC	2-Channel 800 MHz, includes KSG1104000 controllers and 42" cabinet	\$ 21,435.00
9300S-2T80C2-MC	2-Channel 800 MHz, includes KSG1104000 controllers and 42" cabinet	\$ 22,107.00
9300S-2T80C2-MS	2-Channel 800 MHz, includes KSG1104000 controllers and 42" cabinet	\$ 22,601.00
9300S-2Z80C2-SC	2-Channel 800 MHz, includes KSG1204210 controllers and 42" cabinet	\$ 22,202.00
9300S-2Z80C2-MC	2-Channel 800 MHz, includes KSG1204210 controllers and 42" cabinet	\$ 22,874.00
9300S-2Z80C2-MS	2-Channel 800 MHz, includes KSG1204210 controllers and 42" cabinet	\$ 23,367.00
9300S-3T80C4-SC	3-Channel 800 MHz, includes KSG1104000 controllers and 77" cabinet	\$ 31,020.00
9300S-3T80C4-MC	3-Channel 800 MHz, includes KSG1104000 controllers and 77" cabinet	\$ 32,904.00
9300S-3T80C4-MS	3-Channel 800 MHz, includes KSG1104000 controllers and 77" cabinet	\$ 33,397.00
9300S-3Z80C4-SC	3-Channel 800 MHz, includes KSG1204210 controllers and 77" cabinet	\$ 32,170.00
9300S-3Z80C4-MC	3-Channel 800 MHz, includes KSG1204210 controllers and 77" cabinet	\$ 34,054.00
9300S-3Z80C4-MS	3-Channel 800 MHz, includes KSG1204210 controllers and 77" cabinet	\$ 34,547.00
9300S-4T80C4-SC	4-Channel 800 MHz, includes KSG1104000 controllers and 77" cabinet	\$ 40,275.00
9300S-4T80C4-MC	4-Channel 800 MHz, includes KSG1104000 controllers and 77" cabinet	\$ 41,619.00
9300S-4T80C4-MS	4-Channel 800 MHz, includes KSG1104000 controllers and 77" cabinet	\$ 42,112.00
9300S-4Z80C4-SC	4-Channel 800 MHz, includes KSG1204210 controllers and 77" cabinet	\$ 41,808.00
9300S-4Z80C4-MC	4-Channel 800 MHz, includes KSG1204210 controllers and 77" cabinet	\$ 43,152.00
9300S-4Z80C4-MS	4-Channel 800 MHz, includes KSG1204210 controllers and 77" cabinet	\$ 43,645.00
9300S-5T80C4-SC	5-Channel 800 MHz, includes KSG1104000 controllers and 77" cabinet	\$ 49,405.00
9300S-5T80C4-MC	5-Channel 800 MHz, includes KSG1104000 controllers and 77" cabinet	\$ 51,961.00
9300S-5T80C4-MS	5-Channel 800 MHz, includes KSG1104000 controllers and 77" cabinet	\$ 52,947.00
9300S-5Z80C4-SC	5-Channel 800 MHz, includes KSG1204210 controllers and 77" cabinet	\$ 51,322.00
9300S-5Z80C4-MC	5-Channel 800 MHz, includes KSG1204210 controllers and 77" cabinet	\$ 53,878.00
9300S-5Z80C4-MS	5-Channel 800 MHz, includes KSG1204210 controllers and 77" cabinet	\$ 54,864.00

OPTION: Cabinets include standard vented top lid. Solid top and Fan top are available as options.

KSG-4000PN17	Solid Lid Top (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 117.00
KSG-4000FPSG	Solid Lid Top with 120VAC Fan (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 716.00

C2 = KSG-4002020 42" Locking Equipment Cabinet

C4 = KSG-4004040 77" Locking Equipment Cabinet

SC = single channel 20A power supply (1 per channel) MC = multi channel 70A power supply (1 per 2 channels)

MC = multi channel 70A power supply (1 per 2 channels)

MS = multi channel 70A power supply with smart charger option (1 per 2 channels)

Cabinet-Mounted Trunking Systems

TKR-9300S/9301S Systems include: TKR-900/901 Repeater(s), continuous-duty RF Amplifier(s), Controllers, and Power Supplies. Systems are completely assembled, tuned, tested, installed in locking cabinets and shipped in special heavy duty shock absorbing crates.

TKR-9300S (800 MHz)

TKR-9300S 800 MHz Trunking Systems include: Kenwood TKR-900 TX-RX Unit(s). The TKR-900 units operate on FCC channel assignments 001~600, RX: 806.0125 - 820.9875, TX: 851.0125 - 865.9875, +/- 5kHz Modulation, 0.00015% Freq. Stability.
FOR NPSPAC PRICING, PLEASE CONTACT KENWOOD SYSTEMS, INC.

Model	Description	List
800 MHz, 130W, DISPATCH TRUNKING SYSTEM		
9300S-1T13C2-SC	1-Channel 800 MHz, includes KSG1104000 controller and 42" cabinet	\$ 18,273.00
9300S-1T13C2-MC	1-Channel 800 MHz, includes KSG1104000 controller and 42" cabinet	\$ 19,485.00
9300S-1T13C2-MS	1-Channel 800 MHz, includes KSG1104000 controller and 42" cabinet	\$ 19,981.00
9300S-1Z13C2-SC	1-Channel 800 MHz, includes KSG1204210 controller and 42" cabinet	\$ 18,656.00
9300S-1Z13C2-MC	1-Channel 800 MHz, includes KSG1204210 controller and 42" cabinet	\$ 19,868.00
9300S-1Z13C2-MS	1-Channel 800 MHz, includes KSG1204210 controller and 42" cabinet	\$ 20,365.00
9300S-2T13C2-SC	2-Channel 800 MHz, includes KSG1104000 controllers and 42" cabinet	\$ 33,147.00
9300S-2T13C2-MC	2-Channel 800 MHz, includes KSG1104000 controllers and 42" cabinet	\$ 34,359.00
9300S-2T13C2-MS	2-Channel 800 MHz, includes KSG1104000 controllers and 42" cabinet	\$ 34,852.00
9300S-2Z13C2-SC	2-Channel 800 MHz, includes KSG1204210 controllers and 42" cabinet	\$ 33,914.00
9300S-2Z13C2-MC	2-Channel 800 MHz, includes KSG1204210 controllers and 42" cabinet	\$ 35,126.00
9300S-2Z13C2-MS	2-Channel 800 MHz, includes KSG1204210 controllers and 42" cabinet	\$ 35,619.00
9300S-3T13C4-SC	3-Channel 800 MHz, includes KSG1104000 controllers and 77" cabinet	\$ 48,374.00
9300S-3T13C4-MC	3-Channel 800 MHz, includes KSG1104000 controllers and 77" cabinet	\$ 49,586.00
9300S-3T13C4-MS	3-Channel 800 MHz, includes KSG1104000 controllers and 77" cabinet	\$ 50,079.00
9300S-3Z13C4-SC	3-Channel 800 MHz, includes KSG1204210 controllers and 77" cabinet	\$ 49,524.00
9300S-3Z13C4-MC	3-Channel 800 MHz, includes KSG1204210 controllers and 77" cabinet	\$ 50,736.00
9300S-3Z13C4-MS	3-Channel 800 MHz, includes KSG1204210 controllers and 77" cabinet	\$ 51,229.00
9300S-4T13C4-SC	4-Channel 800 MHz, includes KSG1104000 controllers and 77" cabinet	\$ 63,159.00
9300S-4T13C4-MC	4-Channel 800 MHz, includes KSG1104000 controllers and 77" cabinet	\$ 64,370.00
9300S-4T13C4-MS	4-Channel 800 MHz, includes KSG1104000 controllers and 77" cabinet	\$ 64,864.00
9300S-4Z13C4-SC	4-Channel 800 MHz, includes KSG1204210 controllers and 77" cabinet	\$ 64,692.00
9300S-4Z13C4-MC	4-Channel 800 MHz, includes KSG1204210 controllers and 77" cabinet	\$ 65,904.00
9300S-4Z13C4-MS	4-Channel 800 MHz, includes KSG1204210 controllers and 77" cabinet	\$ 66,397.00
9300S-5T13C4-SC	5-Channel 800 MHz, includes KSG1104000 controllers and 77" cabinet	\$ 77,875.00
9300S-5T13C4-MC	5-Channel 800 MHz, includes KSG1104000 controllers and 77" cabinet	\$ 79,087.00
9300S-5T13C4-MS	5-Channel 800 MHz, includes KSG1104000 controllers and 77" cabinet	\$ 79,580.00
9300S-5Z13C4-SC	5-Channel 800 MHz, includes KSG1204210 controllers and 77" cabinet	\$ 79,792.00
9300S-5Z13C4-MC	5-Channel 800 MHz, includes KSG1204210 controllers and 77" cabinet	\$ 81,003.00
9300S-5Z13C4-MS	5-Channel 800 MHz, includes KSG1204210 controllers and 77" cabinet	\$ 81,497.00

OPTION: Cabinets include standard vented top lid. Solid top and Fan top are available as options.

KSG-4000PN17	Solid Lid Top (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 117.00
KSG-4000FPSG	Solid Lid Top with 120VAC Fan (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 716.00

C2 = KSG-4002020 42" Locking Equipment Cabinet

C4 = KSG-4004040 77" Locking Equipment Cabinet

SC = single channel 20A power supply (1 per channel) MC = multi channel 70A power supply (1 per 2 channels)

MC = multi channel 70A power supply (1 per 2 channels)

MS = multi channel 70A power supply with smart charger option (1 per 2 channels)

Cabinet-Mounted Trunking Systems

TKR-9300S/9301S Systems include: TKR-900/901 Repeater(s), continuous-duty RF Amplifier(s), Controllers, and Power Supplies. Systems are completely assembled, tuned, tested, installed in locking cabinets and shipped in special heavy duty shock absorbing crates.

TKR-9301S (900 MHz)

TKR-9301S 900 MHz Trunking Systems include: Kenwood TKR-901 TX-RX Unit(s). The TKR-901 units operate on FCC channel assignments 001~399, RX: 896.0125 - 900.9875, TX: 935.0125 - 939.9875, 0.00001% Freq. Stability.

Model	Description	List
900 MHz, 130W, DISPATCH TRUNKING SYSTEM		
9301S-1T13C2-SC	1-Channel 900 MHz, includes KSG1104000 controller and 42" cabinet	\$ 18,957.00
9301S-1T13C2-MC	1-Channel 900 MHz, includes KSG1104000 controller and 42" cabinet	\$ 20,168.00
9301S-1T13C2-MS	1-Channel 900 MHz, includes KSG1104000 controller and 42" cabinet	\$ 20,662.00
9301S-1Z13C2-SC	1-Channel 900 MHz, includes KSG1204210 controller and 42" cabinet	\$ 19,340.00
9301S-1Z13C2-MC	1-Channel 900 MHz, includes KSG1204210 controller and 42" cabinet	\$ 20,552.00
9301S-1Z13C2-MS	1-Channel 900 MHz, includes KSG1204210 controller and 42" cabinet	\$ 21,045.00
9301S-2T13C2-SC	2-Channel 900 MHz, includes KSG1104000 controllers and 42" cabinet	\$ 33,831.00
9301S-2T13C2-MC	2-Channel 900 MHz, includes KSG1104000 controllers and 42" cabinet	\$ 35,043.00
9301S-2T13C2-MS	2-Channel 900 MHz, includes KSG1104000 controllers and 42" cabinet	\$ 35,536.00
9301S-2Z13C2-SC	2-Channel 900 MHz, includes KSG1204210 controllers and 42" cabinet	\$ 34,598.00
9301S-2Z13C2-MC	2-Channel 900 MHz, includes KSG1204210 controllers and 42" cabinet	\$ 35,809.00
9301S-2Z13C2-MS	2-Channel 900 MHz, includes KSG1204210 controllers and 42" cabinet	\$ 36,303.00
9301S-3T13C4-SC	3-Channel 900 MHz, includes KSG1104000 controllers and 77" cabinet	\$ 49,058.00
9301S-3T13C4-MC	3-Channel 900 MHz, includes KSG1104000 controllers and 77" cabinet	\$ 50,270.00
9301S-3T13C4-MS	3-Channel 900 MHz, includes KSG1104000 controllers and 77" cabinet	\$ 50,763.00
9301S-3Z13C4-SC	3-Channel 900 MHz, includes KSG1204210 controllers and 77" cabinet	\$ 50,208.00
9301S-3Z13C4-MC	3-Channel 900 MHz, includes KSG1204210 controllers and 77" cabinet	\$ 51,420.00
9301S-3Z13C4-MS	3-Channel 900 MHz, includes KSG1204210 controllers and 77" cabinet	\$ 51,913.00
9301S-4T13C4-SC	4-Channel 900 MHz, includes KSG1104000 controllers and 77" cabinet	\$ 63,842.00
9301S-4T13C4-MC	4-Channel 900 MHz, includes KSG1104000 controllers and 77" cabinet	\$ 65,054.00
9301S-4T13C4-MS	4-Channel 900 MHz, includes KSG1104000 controllers and 77" cabinet	\$ 65,547.00
9301S-4Z13C4-SC	4-Channel 900 MHz, includes KSG1204210 controllers and 77" cabinet	\$ 65,376.00
9301S-4Z13C4-MC	4-Channel 900 MHz, includes KSG1204210 controllers and 77" cabinet	\$ 66,588.00
9301S-4Z13C4-MS	4-Channel 900 MHz, includes KSG1204210 controllers and 77" cabinet	\$ 67,081.00
9301S-5T13C4-SC	5-Channel 900 MHz, includes KSG1104000 controllers and 77" cabinet	\$ 78,559.00
9301S-5T13C4-MC	5-Channel 900 MHz, includes KSG1104000 controllers and 77" cabinet	\$ 79,770.00
9301S-5T13C4-MS	5-Channel 900 MHz, includes KSG1104000 controllers and 77" cabinet	\$ 80,264.00
9301S-5Z13C4-SC	5-Channel 900 MHz, includes KSG1204210 controllers and 77" cabinet	\$ 80,475.00
9301S-5Z13C4-MC	5-Channel 900 MHz, includes KSG1204210 controllers and 77" cabinet	\$ 81,687.00
9301S-5Z13C4-MS	5-Channel 900 MHz, includes KSG1204210 controllers and 77" cabinet	\$ 82,180.00
OPTION: Cabinets include standard vented top lid. Solid top and Fan top are available as options.		
KSG-4000PN17	Solid Lid Top (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 117.00
KSG-4000FPSG	Solid Lid Top with 120VAC Fan (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 716.00

C2 = KSG-4002020 42" Locking Equipment Cabinet

C4 = KSG-4004040 77" Locking Equipment Cabinet

SC = single channel 20A power supply (1 per channel) MC = multi channel 70A power supply (1 per 2 channels)

MC = multi channel 70A power supply (1 per 2 channels)

MS = multi channel 70A power supply with smart charger option (1 per 2 channels)

TKR-8400S**Frequency****K: 450-480 MHz****K2: 480-512 MHz****K3: 400-430 MHz****Rack-Mounted UHF Trunking Systems**

TKR-8400S Systems include: TKR-840 Repeater(s), continuous-duty RF Amplifier(s), Controller(s), and Power Supplies. Systems are completely assembled, tuned, tested, installed in 7' Racks and shipped in special heavy duty shock absorbing crates.

Model	Description	List
UHF 100W TKR-8400S, DISPATCH TRUNKING SYSTEM - [KSG-11040 Controller(s)]		
8400S-1T10R7-SC	1-Channel UHF, includes KSG1104000 controller and 7 ft rack	\$ 11,118.00
8400S-1T10R7-MC	1-Channel UHF, includes KSG1104000 controller and 7 ft rack	\$ 12,329.00
8400S-1T10R7-MS	1-Channel UHF, includes KSG1104000 controller and 7 ft rack	\$ 12,823.00
8400S-1Z10R7-SC	1-Channel UHF, includes KSG1204210 controller and 7 ft rack	\$ 11,501.00
8400S-1Z10R7-MC	1-Channel UHF, includes KSG1204210 controller and 7 ft rack	\$ 12,713.00
8400S-1Z10R7-MS	1-Channel UHF, includes KSG1204210 controller and 7 ft rack	\$ 13,206.00
8400S-2T10R7-SC	2-Channel UHF, includes KSG1104000 controllers and 7 ft rack	\$ 20,288.00
8400S-2T10R7-MC	2-Channel UHF, includes KSG1104000 controllers and 7 ft rack	\$ 20,977.00
8400S-2T10R7-MS	2-Channel UHF, includes KSG1104000 controllers and 7 ft rack	\$ 21,470.00
8400S-2Z10R7-SC	2-Channel UHF, includes KSG1204210 controllers and 7 ft rack	\$ 21,055.00
8400S-2Z10R7-MC	2-Channel UHF, includes KSG1204210 controllers and 7 ft rack	\$ 21,744.00
8400S-2Z10R7-MS	2-Channel UHF, includes KSG1204210 controllers and 7 ft rack	\$ 22,237.00
8400S-3T10R7-SC	3-Channel UHF, includes KSG1104000 controllers and 7 ft rack	\$ 29,506.00
8400S-3T10R7-MC	3-Channel UHF, includes KSG1104000 controllers and 7 ft rack	\$ 31,390.00
8400S-3T10R7-MS	3-Channel UHF, includes KSG1104000 controllers and 7 ft rack	\$ 31,883.00
8400S-3Z10R7-SC	3-Channel UHF, includes KSG1204210 controllers and 7 ft rack	\$ 30,656.00
8400S-3Z10R7-MC	3-Channel UHF, includes KSG1204210 controllers and 7 ft rack	\$ 32,540.00
8400S-3Z10R7-MS	3-Channel UHF, includes KSG1204210 controllers and 7 ft rack	\$ 33,033.00
8400S-4T10R7-SC	4-Channel UHF, includes KSG1104000 controllers and 7 ft rack	\$ 38,699.00
8400S-4T10R7-MC	4-Channel UHF, includes KSG1104000 controllers and 7 ft rack	\$ 40,042.00
8400S-4T10R7-MS	4-Channel UHF, includes KSG1104000 controllers and 7 ft rack	\$ 40,536.00
8400S-4Z10R7-SC	4-Channel UHF, includes KSG1204210 controllers and 7 ft rack	\$ 40,232.00
8400S-4Z10R7-MC	4-Channel UHF, includes KSG1204210 controllers and 7 ft rack	\$ 41,576.00
8400S-4Z10R7-MS	4-Channel UHF, includes KSG1204210 controllers and 7 ft rack	\$ 42,069.00
8400S-5T10R7-SC	5-Channel UHF, includes KSG1104000 controllers and 7 ft rack	\$ 47,883.00
8400S-5T10R7-MC	5-Channel UHF, includes KSG1104000 controllers and 7 ft rack	\$ 50,438.00
8400S-5T10R7-MS	5-Channel UHF, includes KSG1104000 controllers and 7 ft rack	\$ 51,425.00
8400S-5Z10R7-SC	5-Channel UHF, includes KSG1204210 controllers and 7 ft rack	\$ 49,799.00
8400S-5Z10R7-MC	5-Channel UHF, includes KSG1204210 controllers and 7 ft rack	\$ 52,355.00
8400S-5Z10R7-MS	5-Channel UHF, includes KSG1204210 controllers and 7 ft rack	\$ 53,341.00
PROGRAMMING		
KPG-47D	Programming Disk (TKR-840/830/740)	N/A
KPG-46	Programming Interface Cable (TKR-840/740/850/750)	N/A

R7 = KSG-94001-70 7' Equipment Rack

SC = single channel 20A power supply (1 per channel) MC = multi channel 70A power supply (1 per 2 channels)

MC = multi channel 70A power supply (1 per 2 channels)

MS = multi channel 70A power supply with smart charger option (1 per 2 channels)

TKR-8400S

Frequency
K: 450-480 MHz
K2: 480-512 MHz
K3: 400-430 MHz

Cabinet-Mounted UHF Trunking Systems

TKR-8400S Systems include: TKR-840 Repeater(s), continuous-duty RF Amplifier(s), Controller(s), and Power Supplies. Systems are completely assembled, tuned, tested, installed in locking cabinets and shipped in special heavy duty shock absorbing crates.

Model	Description	List
UHF 100W TKR-8400S, DISPATCH TRUNKING SYSTEM - [KSG-11040 Controller(s)]		
8400S-1T10C2-SC	1-Channel UHF, includes KSG1104000 controller and 42" cabinet	\$ 12,203.00
8400S-1T10C2-MC	1-Channel UHF, includes KSG1104000 controller and 42" cabinet	\$ 13,415.00
8400S-1T10C2-MS	1-Channel UHF, includes KSG1104000 controller and 42" cabinet	\$ 13,908.00
8400S-1Z10C2-SC	1-Channel UHF, includes KSG1204210 controller and 42" cabinet	\$ 12,587.00
8400S-1Z10C2-MC	1-Channel UHF, includes KSG1204210 controller and 42" cabinet	\$ 13,798.00
8400S-1Z10C2-MS	1-Channel UHF, includes KSG1204210 controller and 42" cabinet	\$ 14,292.00
8400S-2T10C2-SC	2-Channel UHF, includes KSG1104000 controllers and 42" cabinet	\$ 21,374.00
8400S-2T10C2-MC	2-Channel UHF, includes KSG1104000 controllers and 42" cabinet	\$ 22,063.00
8400S-2T10C2-MS	2-Channel UHF, includes KSG1104000 controllers and 42" cabinet	\$ 22,556.00
8400S-2Z10C2-SC	2-Channel UHF, includes KSG1204210 controllers and 42" cabinet	\$ 22,140.00
8400S-2Z10C2-MC	2-Channel UHF, includes KSG1204210 controllers and 42" cabinet	\$ 22,829.00
8400S-2Z10C2-MS	2-Channel UHF, includes KSG1204210 controllers and 42" cabinet	\$ 23,322.00
8400S-3T10C4-SC	3-Channel UHF, includes KSG1104000 controllers and 77" cabinet	\$ 31,083.00
8400S-3T10C4-MC	3-Channel UHF, includes KSG1104000 controllers and 77" cabinet	\$ 32,966.00
8400S-3T10C4-MS	3-Channel UHF, includes KSG1104000 controllers and 77" cabinet	\$ 33,460.00
8400S-3Z10C4-SC	3-Channel UHF, includes KSG1204210 controllers and 77" cabinet	\$ 32,233.00
8400S-3Z10C4-MC	3-Channel UHF, includes KSG1204210 controllers and 77" cabinet	\$ 34,116.00
8400S-3Z10C4-MS	3-Channel UHF, includes KSG1204210 controllers and 77" cabinet	\$ 34,610.00
8400S-4T10C4-SC	4-Channel UHF, includes KSG1104000 controllers and 77" cabinet	\$ 40,275.00
8400S-4T10C4-MC	4-Channel UHF, includes KSG1104000 controllers and 77" cabinet	\$ 41,619.00
8400S-4T10C4-MS	4-Channel UHF, includes KSG1104000 controllers and 77" cabinet	\$ 42,112.00
8400S-4Z10C4-SC	4-Channel UHF, includes KSG1204210 controllers and 77" cabinet	\$ 41,809.00
8400S-4Z10C4-MC	4-Channel UHF, includes KSG1204210 controllers and 77" cabinet	\$ 43,153.00
8400S-4Z10C4-MS	4-Channel UHF, includes KSG1204210 controllers and 77" cabinet	\$ 43,646.00
8400S-5T10C4-SC	5-Channel UHF, includes KSG1104000 controllers and 77" cabinet	\$ 49,459.00
8400S-5T10C4-MC	5-Channel UHF, includes KSG1104000 controllers and 77" cabinet	\$ 52,015.00
8400S-5T10C4-MS	5-Channel UHF, includes KSG1104000 controllers and 77" cabinet	\$ 53,002.00
8400S-5Z10C4-SC	5-Channel UHF, includes KSG1204210 controllers and 77" cabinet	\$ 51,376.00
8400S-5Z10C4-MC	5-Channel UHF, includes KSG1204210 controllers and 77" cabinet	\$ 53,932.00
8400S-5Z10C4-MS	5-Channel UHF, includes KSG1204210 controllers and 77" cabinet	\$ 54,918.00
PROGRAMMING		
KPG-47D	Programming Disk (TKR-840/830/740)	N/A
KPG-46	Programming Interface Cable (TKR-840/740/850/750)	N/A
OPTION: Cabinets include standard vented top lid. Solid top and Fan top are available as options.		
KSG-4000PN17	Solid Lid Top (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 117.00
KSG-4000FPSG	Solid Lid Top with 120VAC Fan (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 716.00

C2 = KSG-4002020 42" Locking Equipment Cabinet

C4 = KSG-4004040 77" Locking Equipment Cabinet

SC = single channel 20A power supply (1 per channel) MC = multi channel 70A power supply (1 per 2 channels)

MC = multi channel 70A power supply (1 per 2 channels)

MS = multi channel 70A power supply with smart charger option (1 per 2 channels)

TKR-8500S

Frequency
K: 450-480 MHz
K2: 480-512 MHz

Rack-Mounted UHF Trunking Systems

TKR-8500S Systems include: TKR-850 Repeater(s), continuous-duty RF Amplifier(s), Controller(s), and Power Supplies. Systems are completely assembled, tuned, tested, installed in 7' Racks and shipped in special heavy duty shock absorbing crates.

Model	Description	List
UHF 100W TKR-8500S, DISPATCH TRUNKING SYSTEM		
8500S-1T10R7-SC	1-Channel UHF, includes KSG1104000 controller and 7 ft rack	\$ 9,536.00
8500S-1T10R7-MC	1-Channel UHF, includes KSG1104000 controller and 7 ft rack	\$ 10,747.00
8500S-1T10R7-MS	1-Channel UHF, includes KSG1104000 controller and 7 ft rack	\$ 11,241.00
8500S-1Z10R7-SC	1-Channel UHF, includes KSG1204210 controller and 7 ft rack	\$ 9,919.00
8500S-1Z10R7-MC	1-Channel UHF, includes KSG1204210 controller and 7 ft rack	\$ 11,131.00
8500S-1Z10R7-MS	1-Channel UHF, includes KSG1204210 controller and 7 ft rack	\$ 11,624.00
8500S-2T10R7-SC	2-Channel UHF, includes KSG1104000 controllers and 7 ft rack	\$ 17,118.00
8500S-2T10R7-MC	2-Channel UHF, includes KSG1104000 controllers and 7 ft rack	\$ 17,797.00
8500S-2T10R7-MS	2-Channel UHF, includes KSG1104000 controllers and 7 ft rack	\$ 18,290.00
8500S-2Z10R7-SC	2-Channel UHF, includes KSG1204210 controllers and 7 ft rack	\$ 17,885.00
8500S-2Z10R7-MC	2-Channel UHF, includes KSG1204210 controllers and 7 ft rack	\$ 18,564.00
8500S-2Z10R7-MS	2-Channel UHF, includes KSG1204210 controllers and 7 ft rack	\$ 19,057.00
8500S-3T10R7-SC	3-Channel UHF, includes KSG1104000 controllers and 7 ft rack	\$ 24,712.00
8500S-3T10R7-MC	3-Channel UHF, includes KSG1104000 controllers and 7 ft rack	\$ 26,595.00
8500S-3T10R7-MS	3-Channel UHF, includes KSG1104000 controllers and 7 ft rack	\$ 27,089.00
8500S-3Z10R7-SC	3-Channel UHF, includes KSG1204210 controllers and 7 ft rack	\$ 25,862.00
8500S-3Z10R7-MC	3-Channel UHF, includes KSG1204210 controllers and 7 ft rack	\$ 27,745.00
8500S-3Z10R7-MS	3-Channel UHF, includes KSG1204210 controllers and 7 ft rack	\$ 28,239.00
8500S-4T10R7-SC	4-Channel UHF, includes KSG1104000 controllers and 7 ft rack	\$ 32,106.00
8500S-4T10R7-MC	4-Channel UHF, includes KSG1104000 controllers and 7 ft rack	\$ 33,450.00
8500S-4T10R7-MS	4-Channel UHF, includes KSG1104000 controllers and 7 ft rack	\$ 33,943.00
8500S-4Z10R7-SC	4-Channel UHF, includes KSG1204210 controllers and 7 ft rack	\$ 33,640.00
8500S-4Z10R7-MC	4-Channel UHF, includes KSG1204210 controllers and 7 ft rack	\$ 34,984.00
8500S-4Z10R7-MS	4-Channel UHF, includes KSG1204210 controllers and 7 ft rack	\$ 35,477.00
8500S-5T10R7-SC	5-Channel UHF, includes KSG1104000 controllers and 7 ft rack	\$ 39,861.00
8500S-5T10R7-MC	5-Channel UHF, includes KSG1104000 controllers and 7 ft rack	\$ 42,416.00
8500S-5T10R7-MS	5-Channel UHF, includes KSG1104000 controllers and 7 ft rack	\$ 43,403.00
8500S-5Z10R7-SC	5-Channel UHF, includes KSG1204210 controllers and 7 ft rack	\$ 41,777.00
8500S-5Z10R7-MC	5-Channel UHF, includes KSG1204210 controllers and 7 ft rack	\$ 44,333.00
8500S-5Z10R7-MS	5-Channel UHF, includes KSG1204210 controllers and 7 ft rack	\$ 45,320.00
PROGRAMMING		
KPG-66D	Programming Disk (TKR-850/750)	N/A
KPG-46	Programming Interface Cable (TKR-840/740/850/750)	N/A

R7 = KSG-94001-70 7' Equipment Rack

SC = single channel 20A power supply (1 per channel) MC = multi channel 70A power supply (1 per 2 channels)

MC = multi channel 70A power supply (1 per 2 channels)

MS = multi channel 70A power supply with smart charger option (1 per 2 channels)

TKR-8500S

Frequency
K: 450-480 MHz
K2: 480-512 MHz

Cabinet-Mounted UHF Trunking Systems

TKR-8500S Systems include: TKR-850 Repeater(s), continuous-duty RF Amplifier(s), Controller(s), and Power Supplies. Systems are completely assembled, tuned, tested, installed in locking cabinets and shipped in special heavy duty shock absorbing crates.

Model	Description	List
UHF 100W TKR-8500S, DISPATCH TRUNKING SYSTEM		
8500S-1T10C2-SC	1-Channel UHF, includes KSG1104000 controller and 42" cabinet	\$ 10,621.00
8500S-1T10C2-MC	1-Channel UHF, includes KSG1104000 controller and 42" cabinet	\$ 11,833.00
8500S-1T10C2-MS	1-Channel UHF, includes KSG1104000 controller and 42" cabinet	\$ 12,326.00
8500S-1Z10C2-SC	1-Channel UHF, includes KSG1204210 controller and 42" cabinet	\$ 11,005.00
8500S-1Z10C2-MC	1-Channel UHF, includes KSG1204210 controller and 42" cabinet	\$ 12,216.00
8500S-1Z10C2-MS	1-Channel UHF, includes KSG1204210 controller and 42" cabinet	\$ 12,710.00
8500S-2T10C2-SC	2-Channel UHF, includes KSG1104000 controllers and 42" cabinet	\$ 18,204.00
8500S-2T10C2-MC	2-Channel UHF, includes KSG1104000 controllers and 42" cabinet	\$ 18,883.00
8500S-2T10C2-MS	2-Channel UHF, includes KSG1104000 controllers and 42" cabinet	\$ 19,376.00
8500S-2Z10C2-SC	2-Channel UHF, includes KSG1204210 controllers and 42" cabinet	\$ 18,970.00
8500S-2Z10C2-MC	2-Channel UHF, includes KSG1204210 controllers and 42" cabinet	\$ 19,649.00
8500S-2Z10C2-MS	2-Channel UHF, includes KSG1204210 controllers and 42" cabinet	\$ 20,142.00
8500S-3T10C4-SC	3-Channel UHF, includes KSG1104000 controllers and 77" cabinet	\$ 26,288.00
8500S-3T10C4-MC	3-Channel UHF, includes KSG1104000 controllers and 77" cabinet	\$ 28,172.00
8500S-3T10C4-MS	3-Channel UHF, includes KSG1104000 controllers and 77" cabinet	\$ 28,665.00
8500S-3Z10C4-SC	3-Channel UHF, includes KSG1204210 controllers and 77" cabinet	\$ 27,438.00
8500S-3Z10C4-MC	3-Channel UHF, includes KSG1204210 controllers and 77" cabinet	\$ 29,322.00
8500S-3Z10C4-MS	3-Channel UHF, includes KSG1204210 controllers and 77" cabinet	\$ 29,815.00
8500S-4T10C4-SC	4-Channel UHF, includes KSG1104000 controllers and 77" cabinet	\$ 33,921.00
8500S-4T10C4-MC	4-Channel UHF, includes KSG1104000 controllers and 77" cabinet	\$ 35,265.00
8500S-4T10C4-MS	4-Channel UHF, includes KSG1104000 controllers and 77" cabinet	\$ 35,758.00
8500S-4Z10C4-SC	4-Channel UHF, includes KSG1204210 controllers and 77" cabinet	\$ 35,454.00
8500S-4Z10C4-MC	4-Channel UHF, includes KSG1204210 controllers and 77" cabinet	\$ 36,798.00
8500S-4Z10C4-MS	4-Channel UHF, includes KSG1204210 controllers and 77" cabinet	\$ 37,292.00
8500S-5T10C4-SC	5-Channel UHF, includes KSG1104000 controllers and 77" cabinet	\$ 41,437.00
8500S-5T10C4-MC	5-Channel UHF, includes KSG1104000 controllers and 77" cabinet	\$ 43,993.00
8500S-5T10C4-MS	5-Channel UHF, includes KSG1104000 controllers and 77" cabinet	\$ 44,980.00
8500S-5Z10C4-SC	5-Channel UHF, includes KSG1204210 controllers and 77" cabinet	\$ 43,354.00
8500S-5Z10C4-MC	5-Channel UHF, includes KSG1204210 controllers and 77" cabinet	\$ 45,910.00
8500S-5Z10C4-MS	5-Channel UHF, includes KSG1204210 controllers and 77" cabinet	\$ 46,896.00
PROGRAMMING		
KPG-66D	Programming Disk (TKR-850/750)	N/A
KPG-46	Programming Interface Cable (TKR-840/740/850/750)	N/A

OPTION: Cabinets include standard vented top lid. Solid top and Fan top are available as options.

KSG-4000PN17	Solid Lid Top (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 117.00
KSG-4000FPSG	Solid Lid Top with 120VAC Fan (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 716.00

C2 = KSG-4002020 42" Locking Equipment Cabinet

C4 = KSG-4004040 77" Locking Equipment Cabinet

SC = single channel 70A power supply (1 per channel) MC = multi channel 70A power supply (1 per 2 channels)

MC = multi channel 70A power supply (1 per 2 channels)

MS = multi channel 70A power supply with smart charger option (1 per 2 channels)

TKR-7400S

Frequency
K: 146-162 MHz
K2: 158-174 MHz
K3: 136-150 MHz

Rack-Mounted VHF Trunking Systems

TKR-7400S Systems include: TKR-740 Repeater(s), continuous-duty RF Amplifier(s), Controller(s), and Power Supplies. Systems are completely assembled, tuned, tested, installed in 7' Racks and shipped in special heavy duty shock absorbing crates.

Model	Description	List
VHF 110W TKR-7400S, DISPATCH TRUNKING SYSTEM		
7400S-1T10R7-SC	1-Channel VHF, includes KSG1104000 controller and 7 ft. rack	\$ 10,589.00
7400S-1T10R7-MC	1-Channel VHF, includes KSG1104000 controller and 7 ft. rack	\$ 11,801.00
7400S-1T10R7-MS	1-Channel VHF, includes KSG1104000 controller and 7 ft. rack	\$ 12,294.00
7400S-1Z10R7-SC	1-Channel VHF, includes KSG1204210 controller and 7 ft. rack	\$ 10,972.00
7400S-1Z10R7-MC	1-Channel VHF, includes KSG1204210 controller and 7 ft. rack	\$ 12,184.00
7400S-1Z10R7-MS	1-Channel VHF, includes KSG1204210 controller and 7 ft. rack	\$ 12,677.00
7400S-2T10R7-SC	2-Channel VHF, includes KSG1104000 controllers and 7 ft. rack	\$ 19,163.00
7400S-2T10R7-MC	2-Channel VHF, includes KSG1104000 controllers and 7 ft. rack	\$ 19,908.00
7400S-2T10R7-MS	2-Channel VHF, includes KSG1104000 controllers and 7 ft. rack	\$ 20,401.00
7400S-2Z10R7-SC	2-Channel VHF, includes KSG1204210 controllers and 7 ft. rack	\$ 19,930.00
7400S-2Z10R7-MC	2-Channel VHF, includes KSG1204210 controllers and 7 ft. rack	\$ 20,675.00
7400S-2Z10R7-MS	2-Channel VHF, includes KSG1204210 controllers and 7 ft. rack	\$ 21,168.00
7400S-3T10R7-SC	3-Channel VHF, includes KSG1104000 controllers and 7 ft. rack	\$ 27,897.00
7400S-3T10R7-MC	3-Channel VHF, includes KSG1104000 controllers and 7 ft. rack	\$ 29,781.00
7400S-3T10R7-MS	3-Channel VHF, includes KSG1104000 controllers and 7 ft. rack	\$ 30,274.00
7400S-3Z10R7-SC	3-Channel VHF, includes KSG1204210 controllers and 7 ft. rack	\$ 29,047.00
7400S-3Z10R7-MC	3-Channel VHF, includes KSG1204210 controllers and 7 ft. rack	\$ 30,931.00
7400S-3Z10R7-MS	3-Channel VHF, includes KSG1204210 controllers and 7 ft. rack	\$ 31,424.00
7400S-4T10R7-SC	4-Channel VHF, includes KSG1104000 controllers and 7 ft. rack	\$ 36,070.00
7400S-4T10R7-MC	4-Channel VHF, includes KSG1104000 controllers and 7 ft. rack	\$ 37,894.00
7400S-4T10R7-MS	4-Channel VHF, includes KSG1104000 controllers and 7 ft. rack	\$ 38,387.00
7400S-4Z10R7-SC	4-Channel VHF, includes KSG1204210 controllers and 7 ft. rack	\$ 37,604.00
7400S-4Z10R7-MC	4-Channel VHF, includes KSG1204210 controllers and 7 ft. rack	\$ 39,427.00
7400S-4Z10R7-MS	4-Channel VHF, includes KSG1204210 controllers and 7 ft. rack	\$ 39,920.00
7400S-5T10R7-SC	5-Channel VHF, includes KSG1104000 controllers and 7 ft. rack	\$ 45,158.00
7400S-5T10R7-MC	5-Channel VHF, includes KSG1104000 controllers and 7 ft. rack	\$ 47,749.00
7400S-5T10R7-MS	5-Channel VHF, includes KSG1104000 controllers and 7 ft. rack	\$ 48,736.00
7400S-5Z10R7-SC	5-Channel VHF, includes KSG1204210 controllers and 7 ft. rack	\$ 47,075.00
7400S-5Z10R7-MC	5-Channel VHF, includes KSG1204210 controllers and 7 ft. rack	\$ 49,666.00
7400S-5Z10R7-MS	5-Channel VHF, includes KSG1204210 controllers and 7 ft. rack	\$ 50,652.00

PROGRAMMING

KPG-47D	Programming Disk (TKR-840/830/740)	N/A
KPG-46	Programming Interface Cable (TKR-840/740/850/750)	N/A

R7 = KSG-94001-70 7' Equipment Rack

SC = single channel 20A power supply (1 per channel) MC = multi channel 70A power supply (1 per 2 channels)

MC = multi channel 70A power supply (1 per 2 channels)

MS = multi channel 70A power supply with smart charger option (1 per 2 channels)

TKR-7400S**Frequency****K: 146-162 MHz****K2: 158-174 MHz****K3: 136-150 MHz****Cabinet-Mounted UHF Trunking Systems**

TKR-7400S Systems include: TKR-740 Transceiver(s), continuous-duty RF Amplifier(s), Controller(s), and Power Supplies. Systems are completely assembled, tuned, tested, installed in locking cabinets and shipped in special heavy duty shock absorbing crates.

Model	Description	List
VHF 110W TKR-7400S, DISPATCH TRUNKING SYSTEM		
7400S-1T10C2-SC	1-Channel VHF, includes KSG1104000 controller and 42" cabinet	\$ 11,655.00
7400S-1T10C2-MC	1-Channel VHF, includes KSG1104000 controller and 42" cabinet	\$ 12,866.00
7400S-1T10C2-MS	1-Channel VHF, includes KSG1104000 controller and 42" cabinet	\$ 13,360.00
7400S-1Z10C2-SC	1-Channel VHF, includes KSG1204210 controller and 42" cabinet	\$ 12,054.00
7400S-1Z10C2-MC	1-Channel VHF, includes KSG1204210 controller and 42" cabinet	\$ 13,250.00
7400S-1Z10C2-MS	1-Channel VHF, includes KSG1204210 controller and 42" cabinet	\$ 13,743.00
7400S-2T10C2-SC	2-Channel VHF, includes KSG1104000 controllers and 42" cabinet	\$ 20,241.00
7400S-2T10C2-MC	2-Channel VHF, includes KSG1104000 controllers and 42" cabinet	\$ 20,986.00
7400S-2T10C2-MS	2-Channel VHF, includes KSG1104000 controllers and 42" cabinet	\$ 21,479.00
7400S-2Z10C2-SC	2-Channel VHF, includes KSG1204210 controllers and 42" cabinet	\$ 21,007.00
7400S-2Z10C2-MC	2-Channel VHF, includes KSG1204210 controllers and 42" cabinet	\$ 21,753.00
7400S-2Z10C2-MS	2-Channel VHF, includes KSG1204210 controllers and 42" cabinet	\$ 22,246.00
7400S-3T10C4-SC	3-Channel VHF, includes KSG1104000 controllers and 77" cabinet	\$ 29,428.00
7400S-3T10C4-MC	3-Channel VHF, includes KSG1104000 controllers and 77" cabinet	\$ 31,312.00
7400S-3T10C4-MS	3-Channel VHF, includes KSG1104000 controllers and 77" cabinet	\$ 31,805.00
7400S-3Z10C4-SC	3-Channel VHF, includes KSG1204210 controllers and 77" cabinet	\$ 30,578.00
7400S-3Z10C4-MC	3-Channel VHF, includes KSG1204210 controllers and 77" cabinet	\$ 32,462.00
7400S-3Z10C4-MS	3-Channel VHF, includes KSG1204210 controllers and 77" cabinet	\$ 32,955.00
7400S-4T10C4-SC	4-Channel VHF, includes KSG1104000 controllers and 77" cabinet	\$ 37,538.00
7400S-4T10C4-MC	4-Channel VHF, includes KSG1104000 controllers and 77" cabinet	\$ 39,361.00
7400S-4T10C4-MS	4-Channel VHF, includes KSG1104000 controllers and 77" cabinet	\$ 39,855.00
7400S-4Z10C4-SC	4-Channel VHF, includes KSG1204210 controllers and 77" cabinet	\$ 39,071.00
7400S-4Z10C4-MC	4-Channel VHF, includes KSG1204210 controllers and 77" cabinet	\$ 40,895.00
7400S-4Z10C4-MS	4-Channel VHF, includes KSG1204210 controllers and 77" cabinet	\$ 41,388.00
7400S-5T10C4-SC	5-Channel VHF, includes KSG1104000 controllers and 77" cabinet	\$ 46,595.00
7400S-5T10C4-MC	5-Channel VHF, includes KSG1104000 controllers and 77" cabinet	\$ 49,187.00
7400S-5T10C4-MS	5-Channel VHF, includes KSG1104000 controllers and 77" cabinet	\$ 50,173.00
7400S-5Z10C4-SC	5-Channel VHF, includes KSG1204210 controllers and 77" cabinet	\$ 48,512.00
7400S-5Z10C4-MC	5-Channel VHF, includes KSG1204210 controllers and 77" cabinet	\$ 51,103.00
7400S-5Z10C4-MS	5-Channel VHF, includes KSG1204210 controllers and 77" cabinet	\$ 52,090.00
PROGRAMMING		
KPG-47D	Programming Disk (TKR-840/830/740)	N/A
KPG-46	Programming Interface Cable (TKR-840/740/850/750)	N/A

OPTION: Cabinets include standard vented top lid. Solid top and Fan top are available as options.

KSG-4000PN17	Solid Lid Top (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 117.00
KSG-4000FPSG	Solid Lid Top with 120VAC Fan (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 716.00

C2 = KSG-4002020 42" Locking Equipment Cabinet

C4 = KSG-4004040 77" Locking Equipment Cabinet

SC = single channel 20A power supply (1 per channel) MC = multi channel 70A power supply (1 per 2 channels)

MC = multi channel 70A power supply (1 per 2 channels)

MS = multi channel 70A power supply with smart charger option (1 per 2 channels)

TKR-7500S

Frequency
K: 146-162 MHz
K2: 136-150 MHz

Rack-Mounted VHF Trunking Systems

TKR-7500S Systems include: TKR-750 Transceiver(s), continuous-duty RF Amplifier(s), Controller(s), and Power Supplies. Systems are completely assembled, tuned, tested, installed in 7' Racks and shipped in special heavy duty shock absorbing crates.

Model	Description	List
VHF 100W TKR-7400S, DISPATCH TRUNKING SYSTEM		
7500S-1T10R7-SC	1-Channel VHF, includes KSG1104000 controller and 7 ft. rack	\$ 9,093.00
7500S-1T10R7-MC	1-Channel VHF, includes KSG1104000 controller and 7 ft. rack	\$ 10,370.00
7500S-1T10R7-MS	1-Channel VHF, includes KSG1104000 controller and 7 ft. rack	\$ 10,863.00
7500S-1Z10R7-SC	1-Channel VHF, includes KSG1204210 controller and 7 ft. rack	\$ 9,476.00
7500S-1Z10R7-MC	1-Channel VHF, includes KSG1204210 controller and 7 ft. rack	\$ 10,753.00
7500S-1Z10R7-MS	1-Channel VHF, includes KSG1204210 controller and 7 ft. rack	\$ 11,246.00
7500S-2T10R7-SC	2-Channel VHF, includes KSG1104000 controller and 7 ft. rack	\$ 16,221.00
7500S-2T10R7-MC	2-Channel VHF, includes KSG1104000 controller and 7 ft. rack	\$ 16,952.00
7500S-2T10R7-MS	2-Channel VHF, includes KSG1104000 controller and 7 ft. rack	\$ 17,446.00
7500S-2Z10R7-SC	2-Channel VHF, includes KSG1204210 controllers and 7 ft. rack	\$ 16,988.00
7500S-2Z10R7-MC	2-Channel VHF, includes KSG1204210 controllers and 7 ft. rack	\$ 17,719.00
7500S-2Z10R7-MS	2-Channel VHF, includes KSG1204210 controllers and 7 ft. rack	\$ 18,212.00
7500S-3T10R7-SC	3-Channel VHF, includes KSG1104000 controllers and 7 ft. rack	\$ 23,366.00
7500S-3T10R7-MC	3-Channel VHF, includes KSG1104000 controllers and 7 ft. rack	\$ 25,463.00
7500S-3T10R7-MS	3-Channel VHF, includes KSG1104000 controllers and 7 ft. rack	\$ 25,956.00
7500S-3Z10R7-SC	3-Channel VHF, includes KSG1204210 controllers and 7 ft. rack	\$ 24,516.00
7500S-3Z10R7-MC	3-Channel VHF, includes KSG1204210 controllers and 7 ft. rack	\$ 26,613.00
7500S-3Z10R7-MS	3-Channel VHF, includes KSG1204210 controllers and 7 ft. rack	\$ 27,106.00
7500S-4T10R7-SC	4-Channel VHF, includes KSG1104000 controllers and 7 ft. rack	\$ 30,550.00
7500S-4T10R7-MC	4-Channel VHF, includes KSG1104000 controllers and 7 ft. rack	\$ 32,188.00
7500S-4T10R7-MS	4-Channel VHF, includes KSG1104000 controllers and 7 ft. rack	\$ 32,671.00
7500S-4Z10R7-SC	4-Channel VHF, includes KSG1204210 controllers and 7 ft. rack	\$ 32,083.00
7500S-4Z10R7-MC	4-Channel VHF, includes KSG1204210 controllers and 7 ft. rack	\$ 33,722.00
7500S-4Z10R7-MS	4-Channel VHF, includes KSG1204210 controllers and 7 ft. rack	\$ 34,205.00
7500S-5T10R7-SC	5-Channel VHF, includes KSG1104000 controllers and 7 ft. rack	\$ 37,618.00
7500S-5T10R7-MC	5-Channel VHF, includes KSG1104000 controllers and 7 ft. rack	\$ 40,529.00
7500S-5T10R7-MS	5-Channel VHF, includes KSG1104000 controllers and 7 ft. rack	\$ 41,515.00
7500S-5Z10R7-SC	5-Channel VHF, includes KSG1204210 controllers and 7 ft. rack	\$ 39,534.00
7500S-5Z10R7-MC	5-Channel VHF, includes KSG1204210 controllers and 7 ft. rack	\$ 42,445.00
7500S-5Z10R7-MS	5-Channel VHF, includes KSG1204210 controllers and 7 ft. rack	\$ 43,432.00

PROGRAMMING

KPG-66D	Programming Disk (TKR-850/750)	N/A
KPG-46	Programming Interface Cable (TKR-840/740/850/750)	N/A

R7 = KSG-94001-70 7' Equipment Rack

SC = single channel 20A power supply (1 per channel) MC = multi channel 70A power supply (1 per 2 channels)

MC = multi channel 70A power supply (1 per 2 channels)

MS = multi channel 70A power supply with smart charger option (1 per 2 channels)

TKR-7500S

Frequency
K: 146-174 MHz
K2: 136-150 MHz

Cabinet-Mounted VHF Trunking Systems

TKR-7500S Systems include: TKR-750 Transceiver(s), continuous-duty RF Amplifier(s), Controller(s), and Power Supplies. Systems are completely assembled, tuned, tested, installed in locking cabinets and shipped in special heavy duty shock absorbing crates.

Model	Description	List
VHF 100W TKR-7400S, DISPATCH TRUNKING SYSTEM		
7500S-1T10C2-SC	1-Channel VHF, includes KSG1104000 controllers and 42" cabinet	\$ 10,158.00
7500S-1T10C2-MC	1-Channel VHF, includes KSG1104000 controllers and 42" cabinet	\$ 11,436.00
7500S-1T10C2-MS	1-Channel VHF, includes KSG1104000 controllers and 42" cabinet	\$ 11,929.00
7500S-1Z10C2-SC	1-Channel VHF, includes KSG1204210 controllers and 42" cabinet	\$ 10,542.00
7500S-1Z10C2-MC	1-Channel VHF, includes KSG1204210 controllers and 42" cabinet	\$ 11,819.00
7500S-1Z10C2-MS	1-Channel VHF, includes KSG1204210 controllers and 42" cabinet	\$ 12,312.00
7500S-2T10C2-SC	2-Channel VHF, includes KSG1104000 controllers and 42" cabinet	\$ 17,299.00
7500S-2T10C2-MC	2-Channel VHF, includes KSG1104000 controllers and 42" cabinet	\$ 18,030.00
7500S-2T10C2-MS	2-Channel VHF, includes KSG1104000 controllers and 42" cabinet	\$ 18,523.00
7500S-2Z10C2-SC	2-Channel VHF, includes KSG1204210 controllers and 42" cabinet	\$ 18,065.00
7500S-2Z10C2-MC	2-Channel VHF, includes KSG1204210 controllers and 42" cabinet	\$ 18,797.00
7500S-2Z10C2-MS	2-Channel VHF, includes KSG1204210 controllers and 42" cabinet	\$ 19,290.00
7500S-3T10C4-SC	3-Channel VHF, includes KSG1104000 controllers and 77" cabinet	\$ 24,897.00
7500S-3T10C4-MC	3-Channel VHF, includes KSG1104000 controllers and 77" cabinet	\$ 26,994.00
7500S-3T10C4-MS	3-Channel VHF, includes KSG1104000 controllers and 77" cabinet	\$ 27,487.00
7500S-3Z10C4-SC	3-Channel VHF, includes KSG1204210 controllers and 77" cabinet	\$ 26,047.00
7500S-3Z10C4-MC	3-Channel VHF, includes KSG1204210 controllers and 77" cabinet	\$ 28,144.00
7500S-3Z10C4-MS	3-Channel VHF, includes KSG1204210 controllers and 77" cabinet	\$ 28,637.00
7500S-4T10C4-SC	4-Channel VHF, includes KSG1104000 controllers and 77" cabinet	\$ 32,018.00
7500S-4T10C4-MC	4-Channel VHF, includes KSG1104000 controllers and 77" cabinet	\$ 33,646.00
7500S-4T10C4-MS	4-Channel VHF, includes KSG1104000 controllers and 77" cabinet	\$ 34,139.00
7500S-4Z10C4-SC	4-Channel VHF, includes KSG1204210 controllers and 77" cabinet	\$ 33,551.00
7500S-4Z10C4-MC	4-Channel VHF, includes KSG1204210 controllers and 77" cabinet	\$ 35,179.00
7500S-4Z10C4-MS	4-Channel VHF, includes KSG1204210 controllers and 77" cabinet	\$ 35,673.00
7500S-5T10C4-SC	5-Channel VHF, includes KSG1104000 controllers and 77" cabinet	\$ 39,055.00
7500S-5T10C4-MC	5-Channel VHF, includes KSG1104000 controllers and 77" cabinet	\$ 41,966.00
7500S-5T10C4-MS	5-Channel VHF, includes KSG1104000 controllers and 77" cabinet	\$ 42,952.00
7500S-5Z10C4-SC	5-Channel VHF, includes KSG1204210 controllers and 77" cabinet	\$ 40,972.00
7500S-5Z10C4-MC	5-Channel VHF, includes KSG1204210 controllers and 77" cabinet	\$ 43,883.00
7500S-5Z10C4-MS	5-Channel VHF, includes KSG1204210 controllers and 77" cabinet	\$ 44,869.00
PROGRAMMING		
KPG-66D	Programming Disk (TKR-850/750)	N/A
KPG-46	Programming Interface Cable (TKR-840/740/850/750)	N/A
OPTION: Cabinets include standard vented top lid. Solid top and Fan top are available as options.		
KSG-4000PN17	Solid Lid Top (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 117.00
KSG-4000FPSG	Solid Lid Top with 120VAC Fan (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 716.00

C2 = KSG-4002020 42" Locking Equipment Cabinet

C4 = KSG-4004040 77" Locking Equipment Cabinet

SC = single channel 70A power supply (1 per channel) MC = multi channel 70A power supply (1 per 2 channels)

MC = multi channel 70A power supply (1 per 2 channels)

MS = multi channel 70A power supply with smart charger option (1 per 2 channels)

800/900 MHz Conventional Repeaters

TKR-9300S/9301S Systems include: TKR-900/901 Repeater, continuous-duty RF Amplifiers KSG-12038 Tone Repeater Panel, and Power Supply completely assembled, tuned, tested and installed in either a 7' rack or locking cabinet. Systems are shipped in special heavy duty shock absorbing crates.

TKR-9300S (800 MHz)

TKR-9300S 800 MHz Conventional Systems include: a Kenwood TKR-900 TX-RX Unit. The TKR-900 unit operates on FCC channel assignments 001-600, RX: 806.0125 - 820.9875, TX: 851.0125 - 865.9875, +/- 5kHz Modulation, 0.00015% Freq. Stability.
FOR NPSPAC PRICING, PLEASE CONTACT KENWOOD SYSTEMS, INC.

Model	Description	List
800 MHz, 80W, CONVENTIONAL REPEATER SYSTEM		
R9300S-1C80R7SC	1-channel 800 MHz conv repeater, includes KSG1203810 controller with 7 ft rack	\$ 8,113.00
R9300S-1C80R7MC	1-channel 800 MHz conv repeater, includes KSG1203810 controller with 7 ft rack	\$ 9,135.00
R9300S-1C80R7MS	1-channel 800 MHz conv repeater, includes KSG1203810 controller with 7 ft rack	\$ 9,529.00
R9300S-1C80C2SC	1-channel 800 MHz conv repeater, includes KSG1203810 controller with 42" cabinet	\$ 8,684.00
R9300S-1C80C2MC	1-channel 800 MHz conv repeater, includes KSG1203810 controller with 42" cabinet	\$ 10,013.00
R9300S-1C80C2MS	1-channel 800 MHz conv repeater, includes KSG1203810 controller with 42" cabinet	\$ 10,407.00
R9300S-1C80C4SC	1-channel 800 MHz conv repeater, includes KSG1203810 controller with 77" cabinet	\$ 9,077.00
R9300S-1C80C4MC	1-channel 800 MHz conv repeater, includes KSG1203810 controller with 77" cabinet	\$ 10,456.00
R9300S-1C80C4MS	1-channel 800 MHz conv repeater, includes KSG1203810 controller with 77" cabinet	\$ 10,851.00
800 MHz, 130W, CONVENTIONAL REPEATER SYSTEM		
R9300S-1C13R7SC	1-channel 800 MHz conv repeater, includes KSG1203810 controller with 7 ft rack	\$ 13,013.00
R9300S-1C13R7MC	1-channel 800 MHz conv repeater, includes KSG1203810 controller with 7 ft rack	\$ 14,035.00
R9300S-1C13R7MS	1-channel 800 MHz conv repeater, includes KSG1203810 controller with 7 ft rack	\$ 14,430.00
R9300S-1C13C2SC	1-channel 800 MHz conv repeater, includes KSG1203810 controller with 42" cabinet	\$ 13,584.00
R9300S-1C13C2MC	1-channel 800 MHz conv repeater, includes KSG1203810 controller with 42" cabinet	\$ 14,914.00
R9300S-1C13C2MS	1-channel 800 MHz conv repeater, includes KSG1203810 controller with 42" cabinet	\$ 15,308.00
R9300S-1C13C4SC	1-channel 800 MHz conv repeater, includes KSG1203810 controller with 77" cabinet	\$ 13,977.00
R9300S-1C13C4MC	1-channel 800 MHz conv repeater, includes KSG1203810 controller with 77" cabinet	\$ 15,357.00
R9300S-1C13C4MS	1-channel 800 MHz conv repeater, includes KSG1203810 controller with 77" cabinet	\$ 15,751.00
DUPLEXER		
KSG-TTPD-8644	800-960 MHz Bandpass-Band Reject Duplexer, 4"/4-Cavity.	\$ 1,625.00
OPTION: Cabinets include standard vented top lid. Solid top and Fan top are available as options.		
KSG-4000PN17	Solid Lid Top (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 117.00
KSG-4000FPSG	Solid Lid Top with 120VAC Fan (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 716.00

R7 = KSG-94001-70 7' Equipment Rack

C2 = KSG-4002020 42" Locking Equipment Cabinet

C4 = KSG-4004040 77" Locking Equipment Cabinet

SC = single channel 20A power supply (1 per channel) MC = multi channel 70A power supply (1 per 2 channels)

MC = multi channel 70A power supply (1 per 2 channels)

MS = multi channel 70A power supply with smart charger option (1 per 2 channels)

800/900 MHz Conventional Repeaters

TKR-9300S/9301S Systems include: TKR-900/901 Repeater, continuous-duty RF Amplifiers KSG-12038 Tone Repeater Panel, Power Supply and are completely assembled, tuned, tested and installed in either a 7' rack or locking cabinet. Systems are shipped in special heavy duty shock absorbing crates.

TKR-9301S (900 MHz)

TKR-9301S 900 MHz Trunking Systems include: Kenwood TKR-901 TX-RX Unit(s). The TKR-901 units operate on FCC channel assignments 001~399, RX: 896.0125 - 900.9875, TX: 935.0125 - 939.9875, 0.00001% Freq. Stability.

Model	Description	List
900 MHz, 130W, CONVENTIONAL REPEATER SYSTEM		
R9301S-1C13R7SC	1-channel 900 MHz conv repeater, includes KSG1203810 controller with 7 ft rack	\$ 13,560.00
R9301S-1C13R7MC	1-channel 900 MHz conv repeater, includes KSG1203810 controller with 7 ft rack	\$ 14,582.00
R9301S-1C13R7MS	1-channel 900 MHz conv repeater, includes KSG1203810 controller with 7 ft rack	\$ 14,976.00
R9301S-1C13C2SC	1-channel 900 MHz conv repeater, includes KSG1203810 controller with 42" cabinet	\$ 14,131.00
R9301S-1C13C2MC	1-channel 900 MHz conv repeater, includes KSG1203810 controller with 42" cabinet	\$ 15,460.00
R9301S-1C13C2MS	1-channel 900 MHz conv repeater, includes KSG1203810 controller with 42" cabinet	\$ 15,855.00
R9301S-1C13C4SC	1-channel 900 MHz conv repeater, includes KSG1203810 controller with 77" cabinet	\$ 14,524.00
R9301S-1C13C4MC	1-channel 900 MHz conv repeater, includes KSG1203810 controller with 77" cabinet	\$ 15,903.00
R9301S-1C13C4MS	1-channel 900 MHz conv repeater, includes KSG1203810 controller with 77" cabinet	\$ 16,298.00
DUPLEXER		
KSG-TTPD-8644	800-960 MHz Bandpass-Band Reject Duplexer, 4"/4-Cavity.	\$ 1,419.00
OPTION: Cabinets include standard vented top lid. Solid top and Fan top are available as options.		
KSG-4000PN17	Solid Lid Top (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 117.00
KSG-4000FPSG	Solid Lid Top with 120VAC Fan (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 716.00

R7 = KSG-94001-70 7' Equipment Rack

C2 = KSG-4002020 42" Locking Equipment Cabinet

C4 = KSG-4004040 77" Locking Equipment Cabinet

SC = single channel 20A power supply (1 per channel) MC = multi channel 70A power supply (1 per 2 channels)

MC = multi channel 70A power supply (1 per 2 channels)

MS = multi channel 70A power supply with smart charger option (1 per 2 channels)

TKR-8400S UHF Conventional Repeaters

Frequency
K: 450-480 MHz
K2: 480-512 MHz
K3: 400-430 MHz

TKR-8400S Conventional Systems include: a TKR-840 Repeater, continuous-duty RF Amplifier, built-in 16 Tone QT & DQT and CW ID, Power Supply and are completely assembled, tuned, tested and installed in a locking equipment cabinet or open equipment rack. Systems are shipped in special heavy-duty, shock absorbing crates.

(Duplexer is not included)

Model	Description	List
UHF 100W, CONVENTIONAL REPEATER SYSTEM		
R8400S-1C10R7SC	1-channel UHF conv repeater with 7 ft rack	\$ 6,888.00
R8400S-1C10R7MC	1-channel UHF conv repeater with 7 ft rack	\$ 7,909.00
R8400S-1C10R7MS	1-channel UHF conv repeater with 7 ft rack	\$ 8,304.00
R8400S-1C10C2SC	1-channel UHF conv repeater with 42" cabinet	\$ 7,441.00
R8400S-1C10C2MC	1-channel UHF conv repeater with 42" cabinet	\$ 8,468.00
R8400S-1C10C2MS	1-channel UHF conv repeater with 42" cabinet	\$ 8,863.00
R8400S-1C10C4SC	1-channel UHF conv repeater with 77" cabinet	\$ 7,840.00
R8400S-1C10C4MC	1-channel UHF conv repeater with 77" cabinet	\$ 8,861.00
R8400S-1C10C4MS	1-channel UHF conv repeater with 77" cabinet	\$ 9,256.00
DUPLEXER		
KSG-TPRD-4546	400-512 MHz Pass-Reject Base Station Duplexer, 4"/6-Cavity, 5 MHz Min.	\$ 1,887.00
PROGRAMMING		
KPG-47D	Programming Disk (TKR-840/830/740)	N/A
KPG-46	Programming Interface Cable (TKR-840/740/850/750)	N/A
OPTION: Cabinets include standard vented top lid. Solid top and Fan top are available as options.		
KSG-4000PN17	Solid Lid Top (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 117.00
KSG-4000FPSG	Solid Lid Top with 120VAC Fan (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 716.00

R7 = KSG-94001-70 7' Equipment Rack

C2 = KSG-4002020 42" Locking Equipment Cabinet

C4 = KSG-4004040 77" Locking Equipment Cabinet

SC = single channel 20A power supply (1 per channel) MC = multi channel 70A power supply (1 per 2 channels)

MC = multi channel 70A power supply (1 per 2 channels)

MS = multi channel 70A power supply with smart charger option (1 per 2 channels)

TKR-8500S UHF Conventional Repeaters

Frequency
K: 450-480 MHz
K2: 480-512 MHz

TKR-8500S Conventional Systems include: a TKR-850 Repeater, continuous-duty RF Amplifier, built-in 16 Tone QT & DQT and CW ID, Power Supply and are completely assembled, tuned, tested and installed in a locking equipment cabinet or open equipment rack. Systems are shipped in special heavy-duty, shock absorbing crates.

(Duplexer is not included)

Model	Description	List
UHF 100W, CONVENTIONAL REPEATER SYSTEM		
R8500S-1C10R7SC	1-channel UHF conv repeater with 7 ft rack	\$ 5,461.00
R8500S-1C10R7MC	1-channel UHF conv repeater with 7 ft rack	\$ 6,483.00
R8500S-1C10R7MS	1-channel UHF conv repeater with 7 ft rack	\$ 6,877.00
R8500S-1C10C2SC	1-channel UHF conv repeater with 42" cabinet	\$ 6,332.00
R8500S-1C10C2MC	1-channel UHF conv repeater with 42" cabinet	\$ 7,353.00
R8500S-1C10C2MS	1-channel UHF conv repeater with 42" cabinet	\$ 7,748.00
R8500S-1C10C4SC	1-channel UHF conv repeater with 77" cabinet	\$ 6,775.00
R8500S-1C10C4MC	1-channel UHF conv repeater with 77" cabinet	\$ 7,796.00
R8500S-1C10C4MS	1-channel UHF conv repeater with 77" cabinet	\$ 8,191.00
DUPLEXER		
KSG-TPRD-4546	400-512 MHz Pass-Reject Base Station Duplexer, 4"/6-Cavity, 5 MHz Min.	\$ 1,887.00
PROGRAMMING		
KPG-66D	Programming Disk (TKR-850/750)	N/A
KPG-46	Programming Interface Cable (TKR-840/740/850/750)	N/A

OPTION: Cabinets include standard vented top lid. Solid top and Fan top are available as options.

KSG-4000PN17	Solid Lid Top (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 117.00
KSG-4000FPSG	Solid Lid Top with 120VAC Fan (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 716.00

R7 = KSG-94001-70 7' Equipment Rack

C2 = KSG-4002020 42" Locking Equipment Cabinet

C4 = KSG-4004040 77" Locking Equipment Cabinet

SC = single channel 20A power supply (1 per channel) MC = multi channel 70A power supply (1 per 2 channels)

MC = multi channel 70A power supply (1 per 2 channels)

MS = multi channel 70A power supply with smart charger option (1 per 2 channels)

TKR-7400S VHF Conventional Repeater

Frequency
K: 146-162 MHz
K2: 158-174 MHz
K3: 136-150 MHz

TKR-7400S System includes: a TKR-740 Repeater, Continuous-duty RF Amplifier, Built-in 16 Tone QT & DQT and CW ID, Power Supply and are completely assembled, tuned, tested and installed in either 7' rack or locking equipment cabinet. Systems are shipped in special heavy duty shock absorbing crates. (Duplexer no included)

Model	Description	List
VHF 110W, CONVENTIONAL REPEATER SYSTEMS		
R7400S-1C10R7SC	1-channel VHF conv repeater with 7 ft rack	\$ 6,465.00
R7400S-1C10R7MC	1-channel VHF conv repeater with 7 ft rack	\$ 7,487.00
R7400S-1C10R7MS	1-channel VHF conv repeater with 7 ft rack	\$ 7,881.00
R7400S-1C10C2SC	1-channel VHF conv repeater with 42" cabinet	\$ 7,343.00
R7400S-1C10C2MC	1-channel VHF conv repeater with 42" cabinet	\$ 8,365.00
R7400S-1C10C2MS	1-channel VHF conv repeater with 42" cabinet	\$ 8,760.00
R7400S-1C10C4SC	1-channel VHF conv repeater with 77" cabinet	\$ 7,787.00
R7400S-1C10C4MC	1-channel VHF conv repeater with 77" cabinet	\$ 8,808.00
R7400S-1C10C4MS	1-channel VHF conv repeater with 77" cabinet	\$ 9,203.00
DUPLEXER		
KSG-TPRD-1556	150-174 MHz Pass-Reject Base Station Duplexer, 5"/6-Cavity, 400 KHz Min.	\$ 1,887.00
PROGRAMMING		
KPG-47D	Programming Disk (TKR-840/830/740)	N/A
KPG-46	Programming Interface Cable (TKR-840/740/850/750)	N/A

OPTION: Cabinets include standard vented top lid. Solid top and Fan top are available as options.

KSG-4000PN17	Solid Lid Top (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 117.00
KSG-4000FPSG	Solid Lid Top with 120VAC Fan (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 716.00

R7 = KSG-94001-70 7' Equipment Rack

C2 = KSG-4002020 42" Locking Equipment Cabinet

C4 = KSG-4004040 77" Locking Equipment Cabinet

SC = single channel 20A power supply (1 per channel) MC = multi channel 70A power supply (1 per 2 channels)

MC = multi channel 70A power supply (1 per 2 channels)

MS = multi channel 70A power supply with smart charger option (1 per 2 channels)

TKR-7500S VHF Conventional Repeater

Frequency
K: 146-174 MHz
K2: 136-150 MHz

TKR-7500S System includes: a TKR-750 Repeater, Continuous-duty RF Amplifier, Built-in 16 Tone QT & DQT and CW ID, Power Supply and are completely assembled, tuned, tested and installed in either 7' rack or locking equipment cabinet. Systems are shipped in special heavy duty shock absorbing crates. (Duplexer not included)

Model	Description	List
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VHF 100W, CONVENTIONAL REPEATER SYSTEMS

R7500S-1C10R7SC	1-channel VHF conv repeater with 7 ft rack	\$ 5,326.00
R7500S-1C10R7MC	1-channel VHF conv repeater with 7 ft rack	\$ 6,347.00
R7500S-1C10R7MS	1-channel VHF conv repeater with 7 ft rack	\$ 6,742.00
R7500S-1C10C2SC	1-channel VHF conv repeater with 42" cabinet	\$ 6,204.00
R7500S-1C10C2MC	1-channel VHF conv repeater with 42" cabinet	\$ 7,226.00
R7500S-1C10C2MS	1-channel VHF conv repeater with 42" cabinet	\$ 7,620.00
R7500S-1C10C4SC	1-channel VHF conv repeater with 77" cabinet	\$ 6,647.00
R7500S-1C10C4MC	1-channel VHF conv repeater with 77" cabinet	\$ 7,669.00
R7500S-1C10C4MS	1-channel VHF conv repeater with 77" cabinet	\$ 8,064.00

DUPLEXER

KSG-TPRD-1556	150-174 MHz Pass-Reject Base Station Duplexer, 5"/6-Cavity, 400 KHz Min.	\$ 1,887.00
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PROGRAMMING

KPG-66D	Programming Disk (TKR-850/750)	N/A
KPG-46	Programming Interface Cable (TKR-840/740/850/750)	N/A

OPTION: Cabinets include standard vented top lid. Solid top and Fan top are available as options.

KSG-4000PN17	Solid Lid Top (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 117.00
KSG-4000FPSG	Solid Lid Top with 120VAC Fan (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 716.00

R7 = KSG-94001-70 7' Equipment Rack**C2 = KSG-4002020 42" Locking Equipment Cabinet****C4 = KSG-4004040 77" Locking Equipment Cabinet****SC = single channel 20A power supply (1 per channel) MC = multi channel 70A power supply (1 per 2 channels)****MC = multi channel 70A power supply (1 per 2 channels)****MS = multi channel 70A power supply with smart charger option (1 per 2 channels)**

TKB-6900S Low Band Conventional Base Stations**Frequency****K: 29.7-37.0 MHz****K2: 35.0-43.0 MHz****K3: 41.0-50.0 MHz**

Systems include a TK-690 Transceiver, 100W continuous-duty RF Amplifier, QT & DQT, 2-Wire Tone Termination Unit, Power Supply and are completely assembled, tuned, tested, and installed in either 7' Rack or locking equipment cabinet. Systems are shipped in special heavy duty shock absorbing crates.

Model	Description	List
LOW BAND 100W, SINGLE-CHANNEL CONVENTIONAL BASE STATIONS		
B6900S-1C10R7SC	Single channel low band base station with 7 ft rack	\$ 6,872.00
B6900S-1C10R7MC	Single channel low band base station with 7 ft rack	\$ 7,896.00
B6900S-1C10R7MS	Single channel low band base station with 7 ft rack	\$ 8,291.00
B6900S-1C10C2SC	Single channel low band base station with 42" cabinet	\$ 7,741.00
B6900S-1C10C2MC	Single channel low band base station with 42" cabinet	\$ 8,765.00
B6900S-1C10C2MS	Single channel low band base station with 42" cabinet	\$ 9,159.00
B6900S-1C10C4SC	Single channel low band base station with 77" cabinet	\$ 8,124.00
B6900S-1C10C4MC	Single channel low band base station with 77" cabinet	\$ 9,148.00
B6900S-1C10C4MS	Single channel low band base station with 77" cabinet	\$ 9,543.00

*Additional wireline control options are available. Please refer to the "Tone and DC Wireline Control Options" section of your price pages for selections and pricing instructions.

PROGRAMMING

KPG-44D	Programming Disk (TK-X90 series)	N/A
KPG-43	Programming Interface Cable (TK-X90 series)	N/A

OPTION: Cabinets include standard vented top lid. Solid top and Fan top are available as options.

KSG-4000PN17	Solid Lid Top (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 117.00
KSG-4000FPSG	Solid Lid Top with 120VAC Fan (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 716.00

R7 = KSG-94001-70 7' Equipment Rack

C2 = KSG-4002020 42" Locking Equipment Cabinet

C4 = KSG-4004040 77" Locking Equipment Cabinet

SC = single channel 20A power supply (1 per channel) MC = multi channel 70A power supply (1 per 2 channels)

MC = multi channel 70A power supply (1 per 2 channels)

MS = multi channel 70A power supply with smart charger option (1 per 2 channels)

TKB-7400S VHF Conventional Base Stations

Frequency
K: 146-162 MHz
K2: 158-174 MHz
K3: 136-150 MHz

Systems include a TKR-740 transceiver, Continuous-duty RF Amplifier, QT & DQT, 2-Wire Tone Termination Unit, Power Supply and are completely assembled, tuned, tested, and installed in either 7' Rack or locking equipment cabinet. Systems are shipped in special heavy duty shock absorbing crates.

Model	Description	List
VHF 110W, SINGLE-CHANNEL CONVENTIONAL BASE STATIONS		
B7400S-1C10R7SC	Single channel VHF base station with 7 ft rack	\$ 7,902.00
B7400S-1C10R7MC	Single channel VHF base station with 7 ft rack	\$ 8,923.00
B7400S-1C10R7MS	Single channel VHF base station with 7 ft rack	\$ 9,383.00
B7400S-1C10C2SC	Single channel VHF base station with 42" cabinet	\$ 8,780.00
B7400S-1C10C2MC	Single channel VHF base station with 42" cabinet	\$ 9,802.00
B7400S-1C10C2MS	Single channel VHF base station with 42" cabinet	\$ 10,196.00
B7400S-1C10C4SC	Single channel VHF base station with 77" cabinet	\$ 9,208.00
B7400S-1C10C4MC	Single channel VHF base station with 77" cabinet	\$ 10,230.00
B7400S-1C10C4MS	Single channel VHF base station with 77" cabinet	\$ 10,625.00

*Additional wireline control options are available. Please refer to the "Tone and DC Wireline Control Options" section of your price pages for selections and pricing instructions.

PROGRAMMING

KPG-47D	Programming Disk (TKR-840/830/740)	N/A
KPG-46	Programming Interface Cable (TKR-840/740/850/750)	N/A

OPTION: Cabinets include standard vented top lid. Solid top and Fan top are available as options.

KSG-4000PN17	Solid Lid Top (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 117.00
KSG-4000FPSG	Solid Lid Top with 120VAC Fan (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 716.00

R7 = KSG-94001-70 7' Equipment Rack

C2 = KSG-4002020 42" Locking Equipment Cabinet

C4 = KSG-4004040 77" Locking Equipment Cabinet

SC = single channel 20A power supply (1 per channel) MC = multi channel 70A power supply (1 per 2 channels)

MC = multi channel 70A power supply (1 per 2 channels)

MS = multi channel 70A power supply with smart charger option (1 per 2 channels)

TKB-7500S VHF Conventional Base Stations

Frequency
K: 146-174 MHz
K2: 136-150 MHz

Systems include a TKR-750 Transceiver, Continuous-duty RF Amplifier, QT & DQT, 2-Wire Tone Termination Unit, Power Supply and are completely assembled, tuned, tested, and installed in either 7' Rack or locking equipment cabinet. Systems are shipped in special heavy duty shock absorbing crates.

Model	Description	List
VHF 100W, SINGLE-CHANNEL CONVENTIONAL BASE STATIONS		
B7500S-1C10R7SC	Single channel VHF base station with 7 ft rack	\$ 6,786.00
B7500S-1C10R7MC	Single channel VHF base station with 7 ft rack	\$ 7,808.00
B7500S-1C10R7MS	Single channel VHF base station with 7 ft rack	\$ 8,202.00
B7500S-1C10C2SC	Single channel VHF base station with 42" cabinet	\$ 7,604.00
B7500S-1C10C2MC	Single channel VHF base station with 42" cabinet	\$ 8,626.00
B7500S-1C10C2MS	Single channel VHF base station with 42" cabinet	\$ 9,021.00
B7500S-1C10C4SC	Single channel VHF base station with 77" cabinet	\$ 8,048.00
B7500S-1C10C4MC	Single channel VHF base station with 77" cabinet	\$ 9,069.00
B7500S-1C10C4MS	Single channel VHF base station with 77" cabinet	\$ 9,464.00

*Additional wireline control options are available. Please refer to the "Tone and DC Wireline Control Options" section of your price pages for selections and pricing instructions.

PROGRAMMING

KPG-66D	Programming Disk (TKR-850/750)	N/A
KPG-46	Programming Interface Cable (TKR-840/740/850/750)	N/A

OPTION: Cabinets include standard vented top lid. Solid top and Fan top are available as options.

KSG-4000PN17	Solid Lid Top (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 117.00
KSG-4000FPSG	Solid Lid Top with 120VAC Fan (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 716.00

R7 = KSG-94001-70 7' Equipment Rack

C2 = KSG-4002020 42" Locking Equipment Cabinet

C4 = KSG-4004040 77" Locking Equipment Cabinet

SC = single channel 20A power supply (1 per channel) MC = multi channel 70A power supply (1 per 2 channels)

MC = multi channel 70A power supply (1 per 2 channels)

MS = multi channel 70A power supply with smart charger option (1 per 2 channels)

TKB-7900S VHF Conventional Base Stations

Frequency
K: 148-174 MHz

Systems include a TK-790 transceiver, Continuous-duty RF Amplifier, QT & DQT, 2-Wire Tone Termination Unit, Power Supply and are completely assembled, tuned, tested, and installed in either 7' Rack or locking equipment cabinet. Systems are shipped in special heavy duty shock absorbing crates.

Model	Description	List
VHF 100W, SINGLE-CHANNEL CONVENTIONAL BASE STATIONS		
B7900S-1C10R7SC	Single channel VHF base station with 7 ft rack	\$ 6,317.00
B7900S-1C10R7MC	Single channel VHF base station with 7 ft rack	\$ 7,338.00
B7900S-1C10R7MS	Single channel VHF base station with 7 ft rack	\$ 7,732.00
B7900S-1C10C2SC	Single channel VHF base station with 42" cabinet	\$ 7,188.00
B7900S-1C10C2MC	Single channel VHF base station with 42" cabinet	\$ 8,208.00
B7900S-1C10C2MS	Single channel VHF base station with 42" cabinet	\$ 8,603.00
B7900S-1C10C4SC	Single channel VHF base station with 77" cabinet	\$ 7,631.00
B7900S-1C10C4MC	Single channel VHF base station with 77" cabinet	\$ 8,651.00
B7900S-1C10C4MS	Single channel VHF base station with 77" cabinet	\$ 9,046.00

*Additional wireline control options are available. Please refer to the "Tone and DC Wireline Control Options" section of your price pages for selections and pricing instructions.

PROGRAMMING

KPG-44D	Programming Disk (TK-890/790/690)	N/A
KPG-43	Programming Interface Cable (TK-890/790/690)	N/A

OPTION: Cabinets include standard vented top lid. Solid top and Fan top are available as options.

KSG-4000PN17	Solid Lid Top (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 117.00
KSG-4000FPSG	Solid Lid Top with 120VAC Fan (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 716.00

R7 = KSG-94001-70 7' Equipment Rack

C2 = KSG-4002020 42" Locking Equipment Cabinet

C4 = KSG-4004040 77" Locking Equipment Cabinet

SC = single channel 20A power supply (1 per channel) MC = multi channel 70A power supply (1 per 2 channels)

MC = multi channel 70A power supply (1 per 2 channels)

MS = multi channel 70A power supply with smart charger option (1 per 2 channels)

TKB-8400S UHF Conventional Base Stations

Frequency
K: 450-480 MHz
K2: 480-512 MHz
K3: 400-430 MHz

Systems include a TKR-840 transceiver, Continuous-duty RF Amplifier, QT & DQT, 2-Wire Tone Termination Unit, Power Supply and are completely assembled, tuned, tested, and installed in either 7' Rack or locking equipment cabinet. Systems are shipped in special heavy duty shock absorbing crates.

Model	Description	List
UHF 100W, SINGLE-CHANNEL CONVENTIONAL BASE STATIONS		
B8400S-1C10R7SC	Single channel UHF base station with 7 ft rack	\$ 8,289.00
B8400S-1C10R7MC	Single channel UHF base station with 7 ft rack	\$ 9,310.00
B8400S-1C10R7MS	Single channel UHF base station with 7 ft rack	\$ 9,705.00
B8400S-1C10C2SC	Single channel UHF base station with 42" cabinet	\$ 9,167.00
B8400S-1C10C2MC	Single channel UHF base station with 42" cabinet	\$ 10,188.00
B8400S-1C10C2MS	Single channel UHF base station with 42" cabinet	\$ 10,583.00
B8400S-1C10C4SC	Single channel UHF base station with 77" cabinet	\$ 9,610.00
B8400S-1C10C4MC	Single channel UHF base station with 77" cabinet	\$ 10,632.00
B8400S-1C10C4MS	Single channel UHF base station with 77" cabinet	\$ 11,026.00

*Additional wireline control options are available. Please refer to the "Tone and DC Wireline Control Options" section of your price pages for selections and pricing instructions.

PROGRAMMING

KPG-47D	Programming Disk (TKR-840/830/740)	N/A
KPG-46	Programming Interface Cable (TKR-840/740/850/750)	N/A

OPTION: Cabinets include standard vented top lid. Solid top and Fan top are available as options.

KSG-4000PN17	Solid Lid Top (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 117.00
KSG-4000FPSG	Solid Lid Top with 120VAC Fan (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 716.00

R7 = KSG-94001-70 7' Equipment Rack

C2 = KSG-4002020 42" Locking Equipment Cabinet

C4 = KSG-4004040 77" Locking Equipment Cabinet

SC = single channel 20A power supply (1 per channel) MC = multi channel 70A power supply (1 per 2 channels)

MC = multi channel 70A power supply (1 per 2 channels)

MS = multi channel 70A power supply with smart charger option (1 per 2 channels)

TKB-8500S UHF Conventional Base Stations

Frequency
K: 450-480 MHz
K2: 480-512 MHz

Systems include a TKR-850 Transceiver, Continuous-duty RF Amplifier, QT & DQT, 2-Wire Tone Termination Unit, Power Supply and are completely assembled, tuned, tested, and installed in either 7' Rack or locking equipment cabinet. Systems are shipped in special heavy duty shock absorbing crates.

Model	Description	List
UHF 100W, SINGLE-CHANNEL CONVENTIONAL BASE STATIONS		
B8500S-1C10R7SC	Single channel UHF base station with 7 ft rack	\$ 7,023.00
B8500S-1C10R7MC	Single channel UHF base station with 7 ft rack	\$ 8,044.00
B8500S-1C10R7MS	Single channel UHF base station with 7 ft rack	\$ 8,439.00
B8500S-1C10C2SC	Single channel UHF base station with 42" cabinet	\$ 7,901.00
B8500S-1C10C2MC	Single channel UHF base station with 42" cabinet	\$ 8,923.00
B8500S-1C10C2MS	Single channel UHF base station with 42" cabinet	\$ 9,317.00
B8500S-1C10C4SC	Single channel UHF base station with 77" cabinet	\$ 8,344.00
B8500S-1C10C4MC	Single channel UHF base station with 77" cabinet	\$ 9,366.00
B8500S-1C10C4MS	Single channel UHF base station with 77" cabinet	\$ 9,760.00

*Additional wireline control options are available. Please refer to the "Tone and DC Wireline Control Options" section of your price pages for selections and pricing instructions.

PROGRAMMING

KPG-66D	Programming Disk (TKR-850/750)	N/A
KPG-46	Programming Interface Cable (TKR-840/740/850/750)	N/A

OPTION: Cabinets include standard vented top lid. Solid top and Fan top are available as options.

KSG-4000PN17	Solid Lid Top (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 117.00
KSG-4000FPSG	Solid Lid Top with 120VAC Fan (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 716.00

R7 = KSG-94001-70 7' Equipment Rack

C2 = KSG-4002020 42" Locking Equipment Cabinet

C4 = KSG-4004040 77" Locking Equipment Cabinet

SC = single channel 20A power supply (1 per channel) MC = multi channel 70A power supply (1 per 2 channels)

MC = multi channel 70A power supply (1 per 2 channels)

MS = multi channel 70A power supply with smart charger option (1 per 2 channels)

TKB-8900S UHF Conventional Base Stations

Frequency

K: 450-490 MHz

K2: 480-512 MHz

K3: 403-430 MHz

Systems include a TK-890 transceiver, Continuous-duty RF Amplifier, QT & DQT, 2-Wire Tone Termination Unit, Power Supply and are completely assembled, tuned, tested, and installed in either 7' Rack or locking equipment cabinet. Systems are shipped in special heavy duty shock absorbing crates.

Model	Description	List
UHF 100W, SINGLE-CHANNEL CONVENTIONAL BASE STATIONS		
B8900S-1C10R7SC	Single channel UHF base station with 7 ft rack	\$ 6,658.00
B8900S-1C10R7MC	Single channel UHF base station with 7 ft rack	\$ 7,678.00
B8900S-1C10R7MS	Single channel UHF base station with 7 ft rack	\$ 8,073.00
B8900S-1C10C2SC	Single channel UHF base station with 42" cabinet	\$ 7,920.00
B8900S-1C10C2MC	Single channel UHF base station with 42" cabinet	\$ 8,557.00
B8900S-1C10C2MS	Single channel UHF base station with 42" cabinet	\$ 8,951.00
B8900S-1C10C4SC	Single channel UHF base station with 77" cabinet	\$ 7,979.00
B8900S-1C10C4MC	Single channel UHF base station with 77" cabinet	\$ 9,000.00
B8900S-1C10C4MS	Single channel UHF base station with 77" cabinet	\$ 9,394.00

*Additional wireline control options are available. Please refer to the "Tone and DC Wireline Control Options" section of your price pages for selections and pricing instructions.

PROGRAMMING

KPG-44D	Programming Disk (TK-890/790/690)	N/A
KPG-43	Programming Interface Cable (TK-890/790/690)	N/A

OPTION: Cabinets include standard vented top lid. Solid top and Fan top are available as options.

KSG-4000PN17	Solid Lid Top (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 117.00
KSG-4000FPSG	Solid Lid Top with 120VAC Fan (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 716.00

R7 = KSG-94001-70 7' Equipment Rack

C2 = KSG-4002020 42" Locking Equipment Cabinet

C4 = KSG-4004040 77" Locking Equipment Cabinet

SC = single channel 20A power supply (1 per channel) MC = multi channel 70A power supply (1 per 2 channels)

MC = multi channel 70A power supply (1 per 2 channels)

MS = multi channel 70A power supply with smart charger option (1 per 2 channels)

UHF Economical Communications Systems (ECS)**CONVENTIONAL**

Frequency
K: 450-480 MHz
K2: 480-512 MHz

TKR-8500ECSC Economical Communications System - Conventional - Includes a 25 watt continuous duty rated (40 watt intermittent) TKR-850 Repeater, built-in 16 Tone QT & DQT and CW ID, Power Supply and are completely assembled, tuned, tested, installed in a special equipment cabinet and includes a full-sized six cavity duplexer and blank panels.

Model	Description	List
TKR-8500ECSC	1-channel UHF ECS conventional repeater in special enclosure	\$ 6,282.00

PROGRAMMING

KPG-66D	Programming Disk (TKR-850/750)	N/A
KPG-46	Programming Interface Cable (TKR-840/740/850/750)	N/A

TRUNKED

Frequency
K: 450-480 MHz
K2: 480-512 MHz

TKR-8500ECST Economical Communications Systems - Trunked - includes three TKR-850 Repeaters, Controllers, and Power Supplies. Systems are completely assembled, tuned, tested, installed in 7' Racks and shipped in special heavy duty shock absorbing crates.

TKR-8500ECST	3-Channel UHF ECS includes KSG1104000 controllers and 7' equipment rack	\$ 16,508.00
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PROGRAMMING

KPG-66D	Programming Disk (TKR-750/850)	NA
KPG-46	Programming Interface Cable (TKR-850/750)	NA

ECS systems are sold only as described and the configuration cannot be modified. Please call your sales manager for additional information.

Some Integration Required Systems (S.I.R.)**UHF S.I.R.**

Frequency
K: 450-480 MHz
K2: 480-512 MHz
K3: 400-430 MHz

The SIR systems are for those systems capable dealers who want the quality and reliability that Kenwood has always offered but prefer to construct and tune their own systems. SIR systems come complete with all the necessary interface cables, wire, fuses, connectors and terminals. A CD ROM is included that contains programming software and service manuals.

Model	Description	List
SIR840T	Includes one (1) TKR-840 repeater, KSG-1104000 controller, KSG-2400601 100-watt amp, and KSG-3102500 power supply.	\$ 6,872.00
SIR840TXA	Includes one (1) TKR-840 repeater, KSG-1104000 controller, and KSG-3102500 power supply. NO AMP	\$ 4,828.00
SIR840TXR	Includes one (1) KSG-1104000 controller, KSG-2400601 100-watt amp, and KSG-3102500 power supply. NO REPEATER	\$ 3,760.00
SIR840TxC	Includes one (1) TKR-840 repeater, KSG-2400601 100-watt amp, and KSG-3102500 power supply. NO CONTROLLER	\$ 5,612.00
SIR840TXP	Includes one (1) TKR-840 repeater, KSG-1104000 controller, KSG-2400601 100-watt amp. NO POWER SUPPLY	\$ 6,412.00

RACKS AND CABINETS SOLD SEPARATELY

PROGRAMMING

KPG-46	Programming Interface Cable (TKR-840/740/850/750)	N/A
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VHF S.I.R.

Frequency
K: 150-174 MHz
K2: 136-150 MHz

SIR740T	Includes one (1) TKR-740 repeater, KSG-1104000 controller, KSG-2400740 110-watt amp, and KSG-3102500 power supply.	\$ 6,440.00
SIR740TXA	Includes one (1) TKR-740 repeater, KSG-1104000 controller, and KSG-3102500 power supply. NO AMP	\$ 4,733.00
SIR740TXR	Includes one (1) KSG-1104000 controller, KSG-2400740 110-watt amp, and KSG-3102500 power supply. NO REPEATER	\$ 3,423.00
SIR740TxC	Includes one (1) TKR-740 repeater, KSG-2400740 110-watt amp, and KSG-3102500 power supply. NO CONTROLLER	\$ 5,180.00
SIR740TXP	Includes one (1) TKR-740 repeater, KSG-1104000 controller, KSG-2400740 110-watt amp. NO POWER SUPPLY	\$ 5,980.00

RACKS AND CABINETS SOLD SEPARATELY

PROGRAMMING

KPG-46	Programming Interface Cable (TKR-850/750)	NA
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800/900 MHz RF Repeater TX-Rx Unit

Model	Description	List
TKR-900	800 MHz FCC channel assignments 001~600, TX: 806-821, RX: 851-866, +/- 5kHz Modulation, 0.00015% Freq. Stability.	\$ 3,085.00
TKR-900K2	800 MHz NPSPAC FCC channel assignments 601~800, TX: 821-824, RX: 866-869 MHz, +/-4 kHz Modulation, 0.0001% Freq. Stability.	\$ 4,750.00
TKR-901	900 MHz FCC channel assignments 001~399, TX: 935 - 940, RX: 896~901 MHz	\$ 4,116.00

All TKR-900/901 models are fully synthesized and provide 100% continuous duty operation. They may be used in a trunked or conventional operation and are configured for standard 19" rack mounting. Requires a trunked or conventional repeater control panel. Specify FCC channel assignments when ordering. 0.250W, 13.8VDC

UHF RF Repeater

TK-840 Frequency Chart

K: 450-480 MHz

K2: 480-512 MHz

K3: 400-430 MHz

Model	Description	List
TKR-840	The TKR-840 is a fully synthesized standalone conventional repeater and provides 100% continuous duty operation. The TKR-840 may be used in a trunked or conventional operation and is configured for standard 19" rack mounting. Trunked operation requires an external Trunking Logic Controller. 5W, 13.8VDC	\$ 3,275.00
KSG-9010018	External Antenna Relay, X40 series	\$ 771.00

Important Note: If you will be using the TKR-840 model as a stand alone simplex base station, you will need to also purchase an antenna relay KSG-9010018

TKR-850 Frequency Chart

K: 450-480 MHz

K2: 480-512 MHz

K3: 400-430 MHz

TKR-850	The TKR-850 is a fully synthesized standalone conventional repeater and provides 100% continuous duty operation at 25 watts. The TKR-850 may be used in a trunked or conventional operation and is configured for standard 19" rack mounting. Trunked operation requires an external Trunking Logic Controller. 13.8VDC	\$ 1,583.00
KSG-9010050	External Antenna Relay, X50 series	\$ 340.00

Important Note: If you will be using the TKR-850 model as a stand alone simplex base station, you will need to also purchase an antenna relay KSG-9010050

VHF RF Repeater

TKR-740 Frequency Chart

K: 146-162 MHz

K2: 158-174 MHz

K3: 136-150 MHz

Model	Description	List
TKR-740	The TKR-740 is a fully synthesized standalone conventional repeater and provides 100% continuous duty operation. The TKR-740 may be used in a trunked or conventional operation and is configured for standard 19" rack mounting. Trunked operation requires an external Trunking Logic Controller. 5W, 13.8VDC	\$ 3,175.00
KSG-9010018	External Antenna Relay, X40 series	\$ 771.00

Important Note: If you will be using the TKR-740 model as a stand alone simplex base station, you will need to also purchase an antenna relay KSG-9010018

TKR-750 Frequency Chart

K: 146-174 MHz

K2: 136-150 MHz

TKR-750	The TKR-750 is a fully synthesized standalone conventional repeater and provides 100% continuous duty operation at 25 watts. The TKR-750 may be used in a trunked or conventional operation and is configured for standard 19" rack mounting. Trunked operation requires an external Trunking Logic Controller. 13.8VDC	\$ 1,483.00
KSG-9010050	External Antenna Relay, X50 series	\$ 340.00

Important Note: If you will be using the TKR-750 model as a stand alone simplex base station, you will need to also purchase an antenna relay KSG-9010050

Continuous Duty RF Amplifiers

Model	Description	List
Low Band	<i>Low Band continuous-duty RF Base Station Amplifiers are a direct replacement unit for the TKB-6900S Low Band Base Stations only.</i>	
KSG-2400150	30-50 MHz 100 Watt RF Amplifier, with internal TX-RX relay, 13.8VDC.	\$ 2,107.00
KSG-2003551	35-50 MHz 300 Watt RF Amplifier, with internal DC power supply, 120VAC.	\$ 11,336.00
VHF - 790	<i>VHF continuous-duty Base Station Amplifiers are a direct replacement unit for the TKB-7900S VHF Base Stations only.</i>	
KSG-2400301	150-174 MHz 100 Watt RF Amplifier, with internal TX-RX relay, 13.8VDC.	\$ 1,810.00
VHF - 740	<i>VHF continuous-duty RF Amplifiers are a direct replacement unit for the TKR-7400S VHF repeater only.</i>	
KSG-24007-40	150-174 MHz 110 Watt RF Amplifier, no relay, 13.8VDC.	\$ 1,795.00
KSG-2400304	136-175 MHz 30 Watt RF Amplifier, no fan, no relay, 13.8VDC	\$ 1,081.00
KSG-2400305	136-175 MHz 65 Watt RF Amplifier, no fan, no relay, 13.8VDC	\$ 1,750.00
KSG-2400740	150-174 MHz 110 Watt RF Amplifier, no relay, 13.8VDC.	\$ 1,795.00
KSG-2400744	136-150 MHz 110 Watt RF Amplifier, no relay, 13.8VDC	\$ 1,795.00
VHF - 740	<i>VHF continuous-duty RF Base Station Amplifiers are a direct replacement unit for the TKB-7400S VHF Base Station(s) only.</i>	
KSG-2400314	136-175 MHz 30 Watt RF Amplifier, no fan, with internal TX-RX relay, 13.8VDC	\$ 1,192.00
KSG-2400315	136-175 MHz 65 Watt RF Amplifier, no fan, with internal TX-RX relay, 13.8VDC	\$ 2,427.00
KSG-2400741	146-162 MHz 110 Watt RF Amplifier, with internal TX-RX relay, 13.8VDC	\$ 2,348.00
KSG-2400745	136-150 MHz 110 Watt RF Amplifier, with internal TX-RX relay, 13.8VDC	\$ 2,348.00
VHF - 750	<i>VHF continuous-duty RF Amplifiers are a direct replacement unit for the TKR-7500S VHF repeater only.</i>	
KSG-2400303	136-175 MHz 100 Watt RF Amplifier, no relay, 13.8VDC	\$ 1,690.00
VHF - 750	<i>VHF continuous-duty RF Base Station Amplifiers are a direct replacement unit for the TKB-7500S VHF Base Station(s) only.</i>	
KSG-2400313	136-175 MHz 110 Watt RF Amplifier, with internal TX-RX relay, 13.8VDC	\$ 2,221.00
UHF - 840	<i>UHF continuous-duty RF Amplifiers are a direct replacement unit for the TKR-8400S UHF repeater(s) only.</i>	
KSG-24006-01	450-480 MHz 100 Watt RF Amplifier, no relay, 13.8VDC.	\$ 2,150.00
KSG-24006-02	480-512 MHz 100 Watt RF Amplifier, no relay, 13.8VDC.	\$ 2,150.00
KSG-24006-03	400-430 MHz 100 Watt RF Amplifier, no relay, 13.8VDC.	\$ 2,150.00
UHF - 840	<i>UHF continuous-duty RF Base Station Amplifiers are a direct replacement unit for the TKB-8400S UHF Base Station(s) only.</i>	
KSG-2400611	450-480 MHz 100 Watt RF Amplifier, with internal TX-RX relay, 13.8VDC	\$ 2,680.00
KSG-2400612	480-512 MHz 100 Watt RF Amplifier, with internal TX-RX relay, 13.8VDC	\$ 2,680.00
KSG-2400613	400-430 MHz 100 Watt RF Amplifier, with internal TX-RX relay, 13.8VDC	\$ 2,680.00
KSG-2400615	450-480 MHz 15 Watt RF Amplifier, no fan, with internal TX-RX relay, 13.8VDC	\$ 1,886.00
KSG-2400616	450-480 MHz 40 Watt RF Amplifier, no fan, with internal TX-RX relay, 13.8VDC	\$ 2,362.00
UHF - 850	<i>UHF continuous-duty RF Amplifiers are a direct replacement unit for the TKR-8500S UHF repeater(s) only.</i>	
KSG-24006-00	450-470 MHz 100 Watt RF Amplifier, no relay, 13.8VDC.	\$ 1,940.00
UHF - 850	<i>UHF continuous-duty RF Base Station Amplifiers are a direct replacement unit for the TKB-8500S UHF Base Station(s) only.</i>	
KSG-2400610	450-470 MHz 100 Watt RF Amplifier, with internal relay, 13.8VDC.	\$ 2,099.00
UHF - 890	<i>UHF continuous-duty RF Base Station Amplifiers are a direct replacement unit for the TKB-8900S UHF Base Station(s) only.</i>	
KSG-24006-10	450-470 MHz 100 Watt RF Amplifier, 40 watts input with internal TX-RX relay, 13.8VDC	\$ 2,470.00
800/900 MHz	<i>KSG-28000/29000 Series continuous-duty RF Amplifiers are used with Kenwood's TKR-900/901 TX-RX Units. All KSG-28000/29000 Series continuous-duty RF Amplifiers include forced air cooling and are configured for 19" rack mounting. KSG-28131 & KSG-29131 RF Amplifiers include internal DC power supplies.</i>	
KSG-28080	800 MHz 80 Watt Amplifier, no relay, 13.8VDC.	\$ 3,159.00
KSG-28131	800 MHz 130 Watt Amplifier w/ internal DC power supply, no relay, 120VAC.	\$ 8,264.00
KSG-29131	900 MHz 130 Watt Amplifier w/ internal DC power supply, no relay, 120VAC.	\$ 8,264.00

High Efficiency Power Supplies

Model	Description	List
KSG-3102500	(SC) Power Supply, 20A, No Meter, RM-2512 with BB6	\$ 483.00
KSG-3102502	Power Supplies, 2 ea. Dual Mounted, No Meter, RM-2512s with BB6s	\$ 659.00
KSG-3107001	(MC) Power Supply, 70A, ATO Fuse Panel, 12' AC Cord	\$ 1,492.00
KSG-3107002	(MS) Power Supply, 70A, ATO Fuse Panel, 12' AC Cord, SmartCharger	\$ 1,903.00

Miscellaneous Components

KSG-9400130	3' Equipment Rack (unassembled)	\$ 562.00
KSG-9400170	7' Equipment Rack (unassembled)	\$ 509.00
KSG-9400102	Cable Standoff Kit (20 each)	\$ 88.00
KSG-4002020	42" (20 U) Locking Cabinet - Standard Perforated Top Lid	\$ 1,699.00
KSG-4004040	77" (40 U) Locking Cabinet - Standard Perforated Top Lid	\$ 2,008.00
KSG-4000PN17	Solid Top Panel (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 117.00
KSG-4000FPSG	Solid Top Panel with 120VAC Fan (Fits both KSG-40020-20 & KSG-40040-40 Cabinets)	\$ 716.00
KSG-3360001	Modem, Remote programming interface	\$ 313.00
KSG-3360001T	Modem, Remote programming interface, tray mounted	\$ 355.00
KSG-1103000	Trident "Tuff Modem" with power and interface cable	\$ 919.00
KSG-9010018	Antenna Relay	\$ 771.00

Miscellaneous Components when purchased separately are not supplied with the Kenwood logo.

Tone and DC Wireline Control Options

KSG-TTP1	Tone Wireline Control, 1-frequency, no case - Specify 2 or 4-Wire, (Simplex or Duplex on 4-Wire)	\$ 585.00
KSG-TTP2C00	Tone Wireline Control, 2-frequency, - Specify 2 or 4-Wire, (Simplex or Duplex on 4-Wire)	\$ 724.00
KSG-TTPBCD	Multi-Frequency Tone Remote Wire line Control. Includes multifunction tone termination unit. Function Tones: F1=1950 Hz F2=1850 Hz F3=1750 Hz F4=1650 Hz Guard Tone: 2175 Hz (NOTE: This unit is not recommended for use with any '40 series base station or repeater)	\$ 1,106.00
KSG-TTPBCD4W	4-Wire Multi-Frequency Tone Remote Wire line Control. Includes multifunction tone termination unit. Function Tones: F1=1950 Hz F2=1850 Hz F3=1750 Hz F4=1650 Hz Guard Tone: 2175 Hz (NOTE: This unit is not recommended for use with any '40 series base station or repeater)	\$ 1,106.00
KSG-TTP104W	4-Wire Multi-Frequency Tone Remote Wire line Control. Includes multifunction tone termination unit. Function Tones: F1=1950 Hz F2=1850 Hz F3=1750 Hz F4=1650 Hz Guard Tone: 2175 Hz (NOTE: This unit is recommended for use with any '40 series base station or repeater)	\$ 1,025.00
KSG-DTP2C00	DC Wireline Control - 1-frequency, Specify 2 or 4-Wire, (Simplex or Duplex on 4-Wire)	\$ 345.00
KSG-DTP2FDRAY	600Ω Balanced Audio Line Driver - Specify 2 or 4-Wire.	\$ 275.00

**NOTE: Base stations come standard with a KSG-TTP1C00. To upgrade your wireline control option, subtract the cost of the standard KSG-TTP1C00 wireline control and simply add the cost of your desired upgrade. **Make note on your purchase order of what model upgrade you have chosen.*

Combining / Receiving / Duplexing Options

Equipment is tuned to your specified freqs. Please provide freqs at time of order.

KSG-M1074502TP	2-channel UHF transmitter combiner, 7" cavities, 300 KHz minimum channel spacing	\$ 3,886.00
KSG-M1074503TP	3-channel UHF transmitter combiner, 7" cavities, 300 KHz minimum channel spacing	\$ 5,518.00
KSG-M1074504TP	4-channel UHF transmitter combiner, 7" cavities, 300 KHz minimum channel spacing	\$ 7,150.00
KSG-M1074505TP	5-channel UHF transmitter combiner, 7" cavities, 300 KHz minimum channel spacing	\$ 8,782.00
KSGTWR8450R1SA	UHF Receiver Multicoupler, 8 port with step attenuator	\$ 2,547.00
KSG-TPRD-1554	150-174 MHz Pass-Reject Base Station Duplexer, 5"/4-Cavity, 600 KHz Min.	\$ 1,166.00
KSG-TPRD-1556	150-174 MHz Pass-Reject Base Station Duplexer, 5"/6-Cavity, 400 KHz Min.	\$ 1,887.00
KSG-TPRD-4544	400-512 MHz Pass-Reject Base Station Duplexer, 4"/4-Cavity, 5 MHz Min.	\$ 1,229.00
KSG-TPRD-4546	400-512 MHz Pass-Reject Base Station Duplexer, 4"/6-Cavity, 5 MHz Min.	\$ 1,887.00
KSG-TTPD-8644	800-960 MHz Bandpass-Band Reject Duplexer, 4"/4-Cavity.	\$ 1,419.00
KSG-TTPD-9044	900-960 MHz Bandpass-Band Reject Duplexer, 4"/4-Cavity.	\$ 1,419.00
KSG-TPCP-4546	400-512 MHz Preselector, 5"/6-cavity	\$ 1,887.00

Because this equipment is frequency specific certain information is assumed and reflected in the pricing. Your situation may be different and require special equipment that will impact your purchase price. The figures shown are generally for budgetary purposes only. Please call your sales manager for additional information and pricing. (NOTE: Due to the highly specific nature of this type of equipment no returns for exchange or credit will be allowed. Please consult with your sales manager prior to your purchase)

*****NOTE*** An integration fee of \$50.00 per channel will be charged on all orders with combining.**

Controllers

When ordering controllers as replacements in an existing system, specify software and firmware in use.

11000 Series Trunking Controllers

Compatible with Trident Bus Format

Model	Description	List
KSG-1104000	UHF Dispatch Logic Controller Features Include: Airtime Logging (one period) Sync Generation, CWID Codes, 38 CTCSS Tones, Repeater Disable Device for Co-Channel Protection. 13.8VDC (Interface cables sold separately)	\$ 1,325.00
KSG-1105000	UHF Interconnect Logic Controller Features Include: All of the KSG-11040 features listed above and... Telephone interconnect, 2-Wire or 4-Wire E&M Compatibility, Dial Click Decoder, Audio Companding. 13.8VDC (Interface cables sold separately)	\$ 2,525.00

KSG-11040 and KSG-11050 Controllers are Not compatible with the KSG-11060, KSG-11080, and KSG-11120 Series Controllers. (Note: The KSG-1106000, 1108000, and 1112000 controllers have been discontinued. Supplies are extremely limited and will be sold on a first come - first serve basis. Call your Systems Sales Account Manager for pricing and availability.)

KSG-5210532	Interface / Power cable, KSG-1104000/1105000 to '40/50' series repeater	\$ 59.00
3872BK-3	Interface cable, Controller inter-link	\$ 40.00
*NOTE: If you are building your own system or adding a channel to an existing system you will need one (1) KSG-5210532 and one (1) 3872BK-3 per channel. (If your building a single channel system you do not need the 3872BK-3)		

12000 Series Trunking Controllers

Compatible with Zetron Bus Format

KSG-1204210	Dispatch Logic Controller Features Include: Sync Generation, CWID, Remote Validation, Airtime Logging (2 period), Repeater Statistics, Real Time Display. 13.8VDC	\$ 1,517.00
KSG-1204520	Dispatch Logic Controller Features Include: Sync Generation, CWID, Remote Validation, Airtime Logging (2 period), Repeater Statistics, Real Time Display and Repeater Disable Device (RDD). 13.8VDC	\$ 2,076.00
KSG-1204910	Interconnect Logic Controller Features Include: Sync Generation, CWID, Remote Validation, Airtime Logging (2 period), Repeater Statistics, Real Time Display, Ver. 6 advanced firmware, telephone interconnect capability, SMDR, full duplex 2-wire Telco Card. 13.8VDC	\$ 5,020.00
KSG-1204590	Interconnect Logic Controller Features Include: Sync Generation, CWID, Remote Validation, Airtime Logging (2 period), Repeater Statistics, Real Time Display, Ver. 6 advanced firmware, telephone interconnect capability, SMDR, full duplex 2-wire Telco Card and Repeater Disable Device (RDD). 13.8VDC	\$ 3,862.00

12000 Series Conventional Repeater Panel

KSG-1203810	Conventional Repeater Panel Features Include: 38 CTCSS tone/22 Digital code, remotely programmable, CWID, Programmable per-user features. 19" rack-mount. 13.8VDC.	\$ 1,087.00
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KENWOOD U.S.A. CORPORATION

LIMITED WARRANTY ON SYSTEMS, SYSTEM COMPONENTS AND SERVICES

Kenwood Communications Corporation ("KCC") warrants its Systems and System Components, including but not limited to, repeaters, controllers, power amplifiers, power supplies, power distribution panels, combiners, receiver multi-couplers, antenna systems, reinforced antenna systems, control stations, consoles as follows:

HOW LONG IS THE WARRANTY

The Limited Warranty will remain in effect based on the following table, measured from the date of system acceptance on KCC system contracts or date of invoice for standard systems and components.

PRODUCT CATEGORY	WARRANTY PERIOD
Kenwood Labeled System Components and Kenwood Integrated Complete Systems.....	2 Years
Non-Kenwood System Components.....	Original Manufacturer's Warranty
Portable Handheld Radios, Mobile Radios and Land Mobile Accessories.....	See KCC Land Mobile Radio Warranty
Systems Services (Including Engineering, Installation, & Programming).....	90 Days

WHO IS PROTECTED

This Warranty is enforceable only by the first end user ("Buyer").

PRODUCT WARRANTY

Except as specified below, this Warranty covers all defects in materials and workmanship in KCC Systems and System Components. The following are not covered by the Warranty:

1. Damage, deterioration or failure resulting from:
 - A. Accident, misuse, abuse, neglect, product modification or failure to follow instructions contained in the Owner's and Operations Manuals.
 - B. Repair or attempted repair by anyone not authorized by KCC.
 - C. Installation of parts or accessories that do not conform to the quality or specifications of the original parts or accessories.
 - D. Improper installation of the product in, or improper removal of the product from any location.
 - E. Environmental conditions which adversely effect systems/product performance such as; exposure to fire, water, excessive moisture, dampness, extreme changes in climate or temperature or other environmental conditions or other acts including power surges, lightning, electro-static discharge, acts of God or other casualties which are not the fault of KENWOOD and which the Product is not specified to tolerate.
 - F. Battery leakage, water, or other elements.
 - G. Use of a Product in conjunction with hardware or software electrically or mechanically incompatible with such Product.
 - H. Use of a Product in conjunction with accessories or ancillary equipment not supplied by KENWOOD.
 - I. Normal and customary wear and tear.
2. Damage or loss occurring during shipment (claims must be presented to the carrier).
3. Any product, which is not new when sold to the first end user unless otherwise specified at time of sale.
4. Any product upon which the serial number has been defaced, modified or removed.

USE OF PRODUCT WITH NON-KENWOOD SUPPLIED EQUIPMENT AND ACCESSORIES

USE OF THE PRODUCT WITH ACCESSORIES OR OTHER EQUIPMENT NOT SUPPLIED BY KENWOOD OR OTHERWISE NOT EXPRESSLY AUTHORIZED BY KENWOOD MAY BE DANGEROUS AND WILL VOID THE PRODUCT WARRANTY. ALL SUCH ACCESSORIES AND ANCILLARY EQUIPMENT ARE EXPRESSLY EXCLUDED FROM THIS WARRANTY. BECAUSE EACH SYSTEM THAT MAY INCORPORATE A PRODUCT IS UNIQUE, KENWOOD DISCLAIMS ANY LIABILITY OR WARRANTY COVERAGE FOR OR WITH RESPECT TO RANGE, COVERAGE OR OPERATION OF THE SYSTEM AS A WHOLE.

WORKMANSHIP WARRANTY

KCC warrants the Services performed by KCC to be free from defects in workmanship for ninety (90) days from System Acceptance. KCC's obligation and Buyer's remedy under this warranty for Services is limited to the correction of the defective Services. Such obligation and remedy are conditional upon the defect not being the result of mishandling, abuse, misuse, or improper maintenance by Buyer, or other causes not attributable to KCC. The correction of defective Services shall be warranted for a period of thirty (30) days or the remainder of the original warranty period, whichever is longer.

WHAT WE WILL PAY FOR AND WHAT YOU MUST PAY FOR

KCC will pay all labor and material expenses for items covered by this Warranty at KCC's location in Friendswood, TX. or at one of the KENWOOD Authorized Service Centers. Contact the phone numbers below to determine where your product must be shipped (it depends on the product to be repaired as to where it is sent). If it is necessary to ship the product for Warranty service, you, the Buyer, are responsible for the initial shipping charges, but we will pay the return shipping charges at ground rates if the product is repaired or replaced under Warranty. The Buyer will pay any express return shipping costs. Unless KCC has installed the system under contract, you are responsible for any charges incurred in diagnosing the problem, removing the product from the rack, cabinet, vehicle, or other site of use and for reinstallation of the repaired or replaced product.

HOW TO OBTAIN WARRANTY SERVICE

Before sending any units for warranty work please call one of the phone numbers below to find out where your unit must be sent. KCC Systems in Friendswood, TX or an authorized service center (depending on the product) must service your KCC System or System Component. KCC Systems customer service staff is available between 8:00 a.m. and 5:00 p.m., Monday through Friday Central Time. If you have difficulty in obtaining service, please write or telephone KCC Systems at the address and phone numbers below.

EXCLUSION OF IMPLIED WARRANTIES AND DAMAGES

Unless considered unlawful or unenforceable under applicable law:

- A. ALL EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO KCC SYSTEMS AND SYSTEM COMPONENTS, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY EXCLUDED.
- B. KCC'S LIABILITY UNDER THIS WARRANTY SHALL BE LIMITED TO THE REPAIR OR REPLACEMENT, AT KCC'S OPTION, OF ANY DEFECTIVE PRODUCT, AND SHALL NOT INCLUDE DAMAGES OF ANY KIND, WHETHER INCIDENTAL, CONSEQUENTIAL, INDIRECT, EXEMPLARY OR OTHERWISE.

This Warranty is enforceable only in the United States of America.

WARRANTY ON LAND MOBILE RADIOS AND ACCESSORIES

Kenwood Communications Corporation ("KENWOOD") warrants its Land Mobile Radios and accessories purchased from an authorized KENWOOD dealer in the United States (the "Products") as follows:

WHAT IS COVERED AND WHAT IS EXCLUDED

Except as specified below, Products will be free from defects in material and workmanship under normal use and service for the time specified below. The following are not covered by this Warranty:

1. Damage, defects, deterioration or failure resulting from:
 - A. Accident, misuse, negligence, abuse, neglect, improper handling, product modification or failure to follow instructions contained in your Owners Manual.
 - B. Improper or unauthorized testing, operation, alteration, disassembly, modification, adjustment or repairs.
 - C. Environmental conditions which adversely effect product performance such as; exposure to fire, water, excessive moisture, dampness, extreme changes in climate or temperature or other environmental conditions or other acts including power surges, lightning, electro-static discharge, acts of God or other casualties which are not the fault of KENWOOD and which the Product is not specified to tolerate.
 - D. Repair or attempted repair by anyone not authorized by KENWOOD.
 - E. Installation of parts or accessories that do not conform to the quality or specifications of the original parts or accessories.
 - F. Installation of the Product in, or removal of the Product from, the vehicle or other site of its use.
 - G. Use of a Product in conjunction with hardware or software electrically or mechanically incompatible with such Product.
 - H. Use of a Product in conjunction with accessories or ancillary equipment not supplied by KENWOOD.
 - I. Normal and customary wear and tear.
2. Damage, defects, deterioration, failure or loss occurring during shipment (claims must be presented to the carrier).
3. Any unit that is not new when sold to the first end user or upon which the serial number has been defaced, modified or removed.
4. Damage, defects, deterioration or failure of radios caused by poorly tuned and/or installed antennas.
5. Damage, defects, deterioration or failure of rechargeable batteries if any of the seals on the battery enclosure of cells are broken or show evidence of tampering or if caused by use of the batteries in equipment or service other than in conjunction with the Product for which it is specified.

USE OF THE PRODUCT WITH ACCESSORIES OR OTHER EQUIPMENT NOT SUPPLIED BY KENWOOD OR OTHERWISE NOT EXPRESSLY AUTHORIZED BY KENWOOD MAY BE DANGEROUS AND WILL VOID THE PRODUCT WARRANTY. ALL SUCH ACCESSORIES AND ANCILLARY EQUIPMENT ARE EXPRESSLY EXCLUDED FROM THIS WARRANTY. BECAUSE EACH SYSTEM THAT MAY INCORPORATE A PRODUCT IS UNIQUE, KENWOOD DISCLAIMS ANY LIABILITY OR WARRANTY COVERAGE FOR OR WITH RESPECT TO RANGE, COVERAGE OR OPERATION OF THE SYSTEM AS A WHOLE.

HOW LONG IS THE WARRANTY

This Warranty will remain in effect for two (2) years for radios (except the TK-2140 and TK-3140 models that are three (3) years), and one (1) year for accessories (including rechargeable batteries) measured from the date of purchase by the first end user.

WHO IS PROTECTED

This Warranty is enforceable only by the first end user. Transfer or resale of a Product will automatically terminate warranty coverage with respect to that Product. This Warranty is not transferable to any third party, including but not limited to any subsequent purchaser or owner of the Product.

WHAT WE WILL DO AND HOW TO OBTAIN WARRANTY SERVICE

KENWOOD will, at its sole absolute discretion, either repair or replace a Product with a new or a rebuilt unit (which unit may include new and/or reconditioned parts) if found by KENWOOD to be defective in material and workmanship. If KENWOOD determines that it is unable to repair or replace such Product, KENWOOD shall refund the purchase price for such Product. The foregoing is subject to your returning the defective Product to a KENWOOD Land Mobile dealer or authorized service center within the Warranty period, accompanied by a sales receipt or other evidence of the date of purchase. If it is necessary to ship the Product for Warranty service, you are responsible for the initial shipping charges, but KENWOOD will pay the return shipping charges if the Product is repaired or replaced under Warranty. You are responsible for any charges incurred in removing the product from the vehicle or other site of use and for reinstallation of the repaired or replaced Product. All replaced Products or parts and Products or parts for which a refund has been given will become the property of KENWOOD.

EXCLUSION OF OTHER WARRANTIES AND DAMAGES

Unless considered unlawful or unenforceable under applicable law:

- A. THIS IS THE COMPLETE WARRANTY GIVEN BY KENWOOD AND IT IS GIVEN IN LIEU OF ALL OTHER EXPRESS WARRANTIES. KENWOOD ASSUMES NO OBLIGATIONS OR LIABILITY FOR ADDITIONS OR MODIFICATIONS TO THIS WARRANTY. ALL IMPLIED WARRANTIES WITH RESPECT TO PRODUCTS, INCLUDING WITHOUT LIMITATION IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXCLUDED.
- B. KENWOOD'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT, AT KENWOOD'S OPTION, OF ANY DEFECTIVE PRODUCT, AND SHALL NOT INCLUDE DAMAGES OF ANY KIND, WHETHER DIRECT, INDIRECT, SPECIAL, GENERAL, INCIDENTAL, CONSEQUENTIAL OR OTHERWISE, INCLUDING BUT NOT LIMITED TO LOSS OF USE, LOSS OF TIME, INCONVENIENCE, COMMERCIAL LOSS, OR LOSS OF PROFITS OR SAVINGS OR ANTICIPATED PROFITS OR SAVINGS.

This Warranty is enforceable only in the United States of America and governed by the laws of the State of California.

If a problem develops during or after the Warranty Period, or if you have any questions regarding the operation of the product, you should contact your KENWOOD Authorized Dealer or Authorized Service Center. If the problem or your question is not handled to your satisfaction, please contact our Customer Relations Department at the address listed below.

KENWOOD U.S.A. CORPORATION
P.O. BOX 22745
2201 East Dominguez Street Long Beach, CA 90801-5745 USA Phone (310) 761-8275